Quality Management System
Run Instructions

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Chapter 1
Introduction to Infor LX

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Overview of Infor LX

This topic contains information that pertains to all applications of the Infor LX product. This information enables you to perform the following tasks:

- Navigate through menus and screens
- Specify information in the fields on the screens
- Use the screen actions
- Access the online help text
- Become familiar with terms used throughout Infor LX

Navigation

The features described in the following paragraphs help you navigate within and between Infor LX screens and programs quickly and easily.

Menus

Use Infor LX menus to choose individual programs to process or view information. You can call individual applications directly from any menu.

Dates

Infor LX includes full support for dates up to and beyond the year 2000. Although most date fields display six characters, Infor LX stores the date as eight characters to include century information. Use Company Name and Date Format, SYS820, in the System Parameters Generation program, SYS800, to configure century dates and specify dates beyond 1999.

Attention key and quick access icon

The character-based user interface uses the attention key to directly access other programs, menus, and applications. On an Infor LX screen, press the Esc key.

The Webtop user interface uses the Quick Access icon to directly access programs. On an Infor LX screen, click the Quick Access icon.

You must have security authorization to use these features.

Look-up features

On the character-based user interface, a plus sign (+) indicates a prompt-capable field. Use F4 to display a look-up screen.

On the Webtop user interface, an arrow indicates a prompt-capable field. Click the arrow to display a look-up screen.

Most screens called from inquiry programs allow you to search for alphanumeric strings.

Remembered keys

Infor LX remembers certain key values, such as item number, salesperson, or container, in your workstation memory as you process information in certain programs. You can assign one of the following values to each field:

- 0. Infor LX automatically retrieves this value from remember key memory. Infor LX updates this value on a continual basis.
- 1. Infor LX automatically retrieves the value you specify in Display Remembered Keys, SYS080. It does not update the value from any other program.
- 2. Infor LX does not retrieve or update remembered key fields.

Use the Display Remembered Keys program, SYS080, to set up remembered keys.

Standard online help features

Many Infor LX programs display generic help text. Use F1 from within a field on the character-based user interface. Click the Show/Hide Help icon on the Webtop user interface. This generic help text includes help for standard line actions, standard screen actions, which are also called function keys or F keys, the run time parameter, and some screens types.

The information in the generic help text for line actions and screen actions in this document is not included in the help text for individual Infor LX programs and screens. If a line action or screen action other than those defined in the generic help text occurs in a program, the help text for that program describes the specific action.

Additional generic help text is stored in the SSARUNHT document for users of the character-based UI. You can print this document and the individual application run instructions, SSARUN01, SSARUN02, and so on, from the DOC menu on the IBM(R) iSeries(TM) in the character-based user interface.

Generic help text for line actions

Line actions

The following line actions are valid in numerous screens. They have the functions described in the following sections.

1=Create

Specify Create on the prompt line and a value in at least one key field to add new information to the file. The system displays maintenance screens on which you can specify the new data. The system prints the new data on the audit report.

Note: You cannot specify Create next to existing data.

1=Select

On a prompt screen, specify 1 to return the selected data to the original screen.

2=Revise

Specify Revise to change the information for a line. Specify 2 and a value in at least one key field or specify 2 next to a line. The audit report lists the change. If you specify Revise next to a line with inactive information, the system reactivates the information.

3=Copy

Specify Copy to copy existing information. You can specify 3 and a value for at least one key field or you can specify 3 next to a line. The system displays a maintenance screen on which you can specify new data and change existing data.

4=Delete

Specify Delete to deactivate the information on a line. You can specify 4 and a value in the key fields or you can specify 4 next to the line to delete. Use Revise to reactivate deleted information.

5=Display

Specify Display to view information. You can specify 5 and a value in the key fields or you can specify 5 next to a line.

6=Print

Specify Print to print information on the audit trail. You can specify 6 and a value in the key fields or you can specify 6 next to a line.

8=Position To

Specify Position To to move a line to the top of the list. You can specify 8 and a value in the key fields or you can specify 8 next to a line. The system repositions the list to begin with the requested line or, if the line does not exist, to the line that is next in sequence.

After you use the Position To feature, you can page down or you can use the Position To action with a different value, but you cannot page up. You can return to the top of the list if you specify Position To but do not specify a value in the key fields on the prompt line.On a prompt screen, display details matching the information you specified.

10=Search

On the top line of a prompt screen, use 10 and known field data to locate specific information.

Additional line actions

If a program contains additional line actions, see the line actions help text in that specific program for descriptions of those line actions.

Generic help text for screen actions

Many screen actions, also called F keys, perform the same function for every program or screen in Infor LX. Definitions for these screen actions follow.

Enter

Proceed to the next screen of a maintenance program. On the final screen, press Enter to update the file and return to the first screen of the program for additional maintenance activity.

Enter

Validate data in a screen. This function of Enter generally occurs in transaction programs that have an F6=Accept screen action, which saves the data on the screen.

Enter

Send the output from a report or listing program to an output queue for processing.

F1=Help

Display help text. This screen action applies to the character-based user interface only.

F3=Exit

Exit a program and do not record, update, or print the information you specified on the program screens.

F4=Prompt

Display a pop-up screen that lists existing values for the field. A plus (+) character denotes a prompt-capable field in the character-based user interface. In the Webtop user interface, the prompt-capable field has a small arrow that points to the right .

F5=Refresh

On a list screen, redisplay the screen to check the status of an executed function.

On a maintenance screen, redisplay the original values on the screen.

F6=Accept

Accept your changes and exit the program.

F7=Backward

Display previous lines, that is, those alphanumerically closer to A or those with earlier dates.

F8=Forward

Display additional lines, that is, those alphanumerically closer to Z or 9, or those with later dates.

F11=Fold

Display a folded view of the screen that contains additional information. Use F11 again to return the screen to its previous format.

F12=Cancel

Return to the previous screen and do not save values you specified on this screen. If you use F12 to return to a selection screen in a maintenance program, you cancel changes you made to any screens in the program.

F23=More Actions

Display additional line actions. If a screen has many screen actions, you may need to press F24 to see that there is an F23 action, which indicates that additional line actions are available.

F24=More Keys

Display additional function keys.

Generic help text for standard screens

Several categories of screens have identical functionality, though the content differs. These types of screens are explained in the following sections.

Generic help text for list screens

Many Infor LX programs contain screens with lists of information to specify for maintenance or inquiry. You have two options to specify the information to process on a list screen:

- Use the Act field and the key fields that appear at the top of the list.
- Specify a line action in the Act field of the line with the information you want to process.

After you make your entries, press Enter to perform the line action.

Generic help text for filter screens

Some Infor LX programs feature a filter screen, which you can access with F13. The filter screen enables you to filter the data to display. For example, if you use F13 in Warehouse Master Maintenance, INV110, you can display all records by warehouse or active records by warehouse or active records by description. Some filter screens provide sort or sequence options.

Generic help text for the run time parameter

Run Time Parameter (1,0):

Specify interactive to process the data in real time or batch to process the data in the job queue. If you specify interactive processing, your session is unavailable for other tasks until the job finishes.

Infor LX menus

This section describes the menus in Infor LX.

ERPLX main menu

The ERPLX Main Menu is the first of five master menus. You can access the four major Infor LX application groups from this menu:

- Configurable Enterprise Financials, CEF
- Multi-Mode Manufacturing, MMM
- Supply Chain Management, SCM
- Cross-Product Applications, XPA

Specify the abbreviated application group fast path code to access the master menu for the desired application group.

Configurable enterprise financials menu

Use the Configurable Enterprise Financials menu, CEF, to access Infor LX financial applications. Specify the application fast path code to access the desired application menu.

Multi-mode manufacturing master menu

Use the Multi-Mode Manufacturing master menu, MMM, to access Infor LX manufacturing applications. Specify the application fast path code to access the desired Infor LX application menu.

Supply chain management master menu

Use the Supply Chain Management master menu, SCM, to access Infor LX supply chain management applications. Specify the application fast path code to access the desired Infor LX application menu.

Cross-product application menu

Use the Cross Product Application menu, XPA, to access, analyze, and transmit information within Infor LX. Specify the application fast path code to access the desired Infor LX application menu.

Commonly used terms in Infor LX

Reference only

Reference only indicates that the system uses the information for the given field only for reference and does not use it for processing.

Extreme values by default

Some fields display extreme values by default. The system uses an alphanumeric or numeric extreme in these fields if you do not override the value. Use these default values, which are usually specified as ranges, to include all information in the range. The defaults values or any other values specified to designate a range do not have to be valid values in a database file.

(Y/blank)

If the screen displays (Y/blank) for a field, specify Y or Yes for a particular action to take place. Otherwise, leave the field blank. The screen displays (Y/N) if the field requires a Y or an N.

Ranges

Ranges refer to fields you can use to limit an inquiry or report or to display specific data. If there are multiple range fields in a program, you can tailor your inquiry or report to produce only the data you need.

Infor LX sorts the information alphanumerically. Therefore, the value in the From field must be a lower alphanumeric value than the value in the To field.

Infor LX usually inserts extreme values as defaults in the lower and upper fields. See the description for Extreme values by default. The entries you make in range fields do not have to be valid values in a database file.

Review the following suggestions to limit the information:

Specify the first value to include on the inquiry or report in the From field. Leave the To field blank to include all information to the end of the file. For example, you can print a report that starts with the customer number you specify in the From field and stops at the end of the Customer Master file.

Specify the last value to include on the inquiry or report in the To field. Leave the From field blank to start at the beginning of the file. For example, you can perform an inquiry that starts with the beginning of the Customer Master file and ends with the customer number you specify in the *To* field.

Specify the same value in both the *From* and *To* fields. For example, you can limit a display to one customer.

To include a group of items, specify a value in the *From* field and another value in the *To* field. For example, you can perform an inquiry that starts with the first of the month and ends with the last day of the month.

Alphanumeric

Alphanumeric refers to text that contains letters, letters and numbers together, and numbers arranged uniformly with special characters, such as dates in MM/DD/YY format. Infor LX sorts reports and inquiries in ascending alphanumeric order, unless indicated otherwise. Ascending order arranges items from the lowest value to the highest value. Alphanumeric text is sorted in ascending order according to the following rules:

- Special characters, such as $, %, - (hyphen), comma, and period, come before all others
- Lowercase letters come before uppercase letters
- Uppercase letters come before numbers
- Numbers, that is, 0 through 9, come last

A/R, A/P

The documentation uses the abbreviations A/R and A/P to denote the terms accounts receivable and accounts payable, respectively. The abbreviations distinguish the terms from the corresponding program indicators of ACR, and ACP, which precede program numbers, for example, ACR500 and ACP150.

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Specify the last value to include on the inquiry or report in the To field. Leave the From field blank to start at the beginning of the file. For example, you can perform an inquiry that starts with the beginning of the Customer Master file and ends with the customer number you specify in the *To* field.

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To include a group of items, specify a value in the *From* field and another value in the *To* field. For example, you can perform an inquiry that starts with the first of the month and ends with the last day of the month.

Chapter 2
QMS Overview

2

Product overview

Below are the main components of the Quality Management System (QMS).

Product integration

QMS is fully integrated with the Infor LX Manufacturing and Distribution product lines. QMS uses the Infor LX Archival and Security programs and the item type, work center, department, and calendar validation tables. The QMS Item, Lot, and Customer Master files access the same master files as IDF Enterprise Item, INV130, and IDF Customer.

Manufacturers

You must maintain the manufacturer and the vendor master files, even when the vendor and manufacturer are the same. This effectively separates QMS activities from other Infor LX activities by enabling QMS control of manufacturers and Purchasing (PUR) control of vendors.

Manufacturer/item combinations

The Manufacturer/Item master, QMS105, links an item, manufacturer, and specification. You can link a single item with multiple manufacturers and you can have multiple item/manufacturer combinations call the same specification. You can define the following testing levels in QMS105, then apply them to sample and test combinations to define the degree of testing on manufacturer/item or lots/sequence numbers:

- Current levels apply to the primary disposition used to release inventory, and an optional secondary disposition to allow for fuller testing with a longer lead time or more strenuous testing than the primary.

- Subsequent levels allow reduced testing on subsequent receipts of lots/sequence numbers you already tested and accepted.

Retesting is allowed under conditions that require it.

Cyclic controls allow you to base a testing schedule on a time frequency and/or a lot frequency.

Probation controls enable stricter testing for uncertified manufacturers or those whose quality history is in question.

You can enable the Automatic Approval feature in the Manufacturer/Item master to allow automatic approval, QMS540, for lot or sequence number dispositions. All values you define in the Manufacturer/Item master override those in the item file, IDF Enterprise Item.

Customer/item combinations

You can match all quality controlled items with customer requirements using the Customer/Item master file, QMS136. This file contains the specification, customer certificate format, and customer expiration date requirements. Customer candidate and lot candidate search programs enable you to review the combinations in preparation for lot or sequence number dispositions.

Receipt processing

All QMS activity begins with receipt transactions in an Infor LX trigger point. These trigger points are Inventory Transaction Posting, Purchase Order Receipts, or Material Backflush Labor Posting. The following conditions exist in order for receipt records to transfer successfully to QMS:

- The trigger QA Activity field value must be Y in Inventory Transaction Maintenance, INV150, for your selected transactions.
- The item must be quality controlled.
- The item, and manufacturer fields must be specified and validated.
- The default lot status in API820 cannot be Q.
- A record cannot already exist in QTR, which is the work file that is the bridge between the Infor LX trigger points and the QMS target program, QMS599.

Sample and test triggers

The target program, QMS599, calls batch program QMS535 to generate the lot/sequence number dispositions. This occurs automatically if you turn on Quality Action Trigger Processing, which is a system parameter in QMS820. If you leave this indicator off, the system requires that you verify every item and manually generate the dispositions in Quality Transaction Processing, QMS595. Whether you automatically or manually generate dispositions in QMS595, the dispositions use the samples, tests, and other requirements you defined in the Manufacturer/Item, QMS105, and IDF Enterprise Item.

Status update as a result of QA activity

The system assigns the default status from the ZPA file to new lots/items. When quality activity is triggered, the system changes the status to Q. You cannot change the Q status for that lot if there is quality activity in QMS until you perform the lot disposition. Final disposition sets the lot/sequence number status to the disposition code you define in QMS system table 310.

Location and lot/location inventory transfer and status

You can move quantities within an existing lot/sequence number for a quality-controlled item. You can also transfer lots or sequence number inventory in quality hold status from one lot/location or sequence number/location to another. The system identifies each of these inventory quantity transfers with inventory transline action QT defined in INV150.

Lot/location or sequence number/location status is an add-on to the lot or sequence number status, which provides an extra level of control. You can change the lot/location or sequence number/location status codes. These are Hold, Quality Hold, Conditional Pass, Rejected, Active, Used In Sample, Scrapped, Return To Vendor, and Waiting Inspection.

QMS item maintenance

You must maintain every QA item with IDF Enterprise Item.

Auto Stability Select enables you to place an item on a stability program for future sampling and testing if the LMS product is installed. This feature generates an additional disposition with code 99.

Security

You can create groups in Security Group Maintenance, SYS603, and activate security for each program, line action, and screen action for each user profile that you assign to the group.

Additional security measures are available by limiting the authorized users for sample and item types, methods, instruments, verifications, and approvals. See the individual controls in the Specification, Sample, Test, and Method master files.

System Tables

Tables drive the field validation in QMS maintenance and processing programs. In SYS105, you can define tables for validation of test results, lot processing, and lot disposition. You can add new tables and add codes to existing tables, but you cannot delete any of the system-defined tables below.

ID	Description/Attribute	Type	Length
001	Boolean	4	1
110	Sample Types	1	1
120	Testing Levels	1	1
130	Languages	2	3
135	Countries	2	3
140	Reject Disposal Table	2	3
150	Labor Groups	1	1
165	Bulk Item Types	1	1
166	Standard Reagent Items	1	1
180	Comment Types	2	3
185	Comment Sub-Types	2	3
190	Inventory Usage Codes	2	3
200	Numeric Operators	2	3
210	Item Cost Centers	5	15
215	Item Corporate Codes	5	15
250	Non-Testing Activity	2	3
260	Instrument Types	2	3
310	Lot Disposition Codes	3	3
320	Sample Disposition Codes	3	3
330	Disposition Status Codes	2	3

340	Specification Types	1	1
350	Method Types	1	1
410	Storage Temperature	2	3
420	Storage Humidity & Air Conditions	2	3
430	Storage Position	2	3
440	Storage Lighting	2	3
510	Sample Label Definitions	2	3

Table types identify the table category and the number of characters allowed in its codes: Type 1 is for one character code tables, 2 is for three character code tables, 3 is for three character disposition code tables, 4 is for one character result type code tables and 5 is for 15 character code tables. The following information pertains to user defined codes that are required for table types 3 and 4.

User-defined code 1 is required for a table type 3 or type 4 code to define the pass flag. For table type 3 (disposition codes) valid codes are:

0

No. A lot or sequence number disposition can be completed even if processing is incomplete or has exceptions. No audit is required.

1

Yes. The disposition is audited to ensure that all required test results have passed.

For table type 4 (result type codes) valid codes for the pass flag are:

0

Fail

1

Pass

2

Marginal, within test specification limits but not within control limits. This table must be specified in the test master, QMS125, and the appropriate code must be selected during result entry, QMS545.

User Defined Code 2 is required for a table type 3 code to define the type of audit:

0

None. No audit is performed.

1

No fails. Every disposition that is assigned this disposition code is audited to ensure that processing is complete with no exceptions. Marginal pass records are allowed.

2

No marginal results. Every disposition that is assigned this disposition code is audited to ensure that processing is complete with no exceptions. Marginal result records are not allowed.

User Defined Code 3 is required for a table type 3 code to define the lot or sequence number disposition status. The system updates the lot or sequence number record in INV130 to this status for every item/lot assigned this disposition code in QMS550:

1

Available

2

Conditional

3

Hold

4

Quarantine

5

Reject

6

Archived

7

Deleted/completed

8

Expired

Automated processing

Audit reports exist at every level of QMS to track all maintenance and processing programs. You can automate the procedures for processing acceptance samples through testing, entering results, making dispositions, and updating the lot or sequence number status. The degree of automation depends on your documentation, verification, control, and auditing requirements.

Specification master

Specifications link manufacturer/item requirements with samples and tests to form the basis of all quality activity. The Specification master is shipped with a central repository master called SuperSpec. All tests and samples must reside in SYS100 before you can use them in an item's specification.

You must approve specifications before you use them. You can select specifications for review on a cyclic basis. Specifications can be superseded; when you need to create a new specification, you can copy the specification itself or mass replace all associated tests from an existing specification. Use Specification Change Control, QMS565, when you need to change a specification for open lots or sequence numbers.

A specification type table, table 340, is included in the System Tables. These user defined types are useful for assigning specifications to item, facility, or manufacturer groupings. They enable easy look-up of each type and prevent duplicating test and sample identifiers when you create specifications.

Sample and test relations

Define sample relations in the Sample master, QMS120, to relate the sample to a specification at a certain manufacturer/item testing level. For each sample relation, define a Sampling Rule, QMS135, to describe how to derive the number of physical samples, a sample cost, lead-time, and a quantity.

Define testing relations in the Test master, QMS125, to require the test be performed for a specified sample when taken at a specified manufacturer/item testing level. The system displays this manufacturer/item testing level for each lot or sequence number record in Dispositions, QMS550.

Sample Master

The Sample master contains all operational characteristics assigned to a sample. Use the Sample Record Required field to automatically generate sample records when a lot or sequence number is received. If you set this indicator off, you must manually specify the samples in QMS500. Use the Multiple Add feature to automatically generate additional sample records during Result Entry.

Three sample levels are possible: Primary samples are portions of the item selected for evaluation. Composite samples are a mix of primary samples that form a pool of the primary samples. Aliquot samples are a portion of the composite sample that is removed for evaluation purposes. You are required to define the origin of each primary to composite to aliquot sample relationship.

Sample audit conditions include a log requirement, (sample must be received by a valid user) the assignment requirement (sample must be assigned to a valid user) and disposition requirement (disposal conditions must be met before the lot or sequence number is released following disposition).

Define sample types, for example A for analytical or P for physical, in table 110 in SYS105. Define sampling rules, for example all, square root, constant, factor, user table, or multiply, in QMS135. You can specify whether to use a quantity or container for sample input and a number or quantity of samples for sample output. These rules support full user-defined, Mil-Std 105E, type sampling decisions.

Test master

Test Masters describe the tests to perform on samples for each specification. You can set specification and control limits, the method number, and the nature of the test required.

Type 1 is for numeric tests. These are evaluated to specification and/or control limits that are also assigned a numeric value. Numeric values outside the specification range are flagged as a fail. Values inside the specification limits, but outside the control limits are flagged as marginal. Values in all limits are flagged as pass.

Type 2 is for tabular results. You can use the Boolean table (table 001) for a simple pass/fail criteria. You can also define your own tables for visual inspections, function testing, and so on. You can assign both types 1 and 2 to the same test master. That allows numeric input with the flexibility of switching to a table value if samples are TNC (too numerous to count) for example.

Type 3 is for testing potency items. API must be installed and you must define the item as a potency item in INV. Following disposition, the system automatically updates the actual potency field in INV130 and updates the lot master record with the QA Approved Date. Note the following conditions:

- You must define result type 3 on the result record for a test with a potency result type.
- The Results field on QMS125D2-01 must be 1, only one result can update potency.
- The Sequence field on QMS125D2-01 must be 1, only the first potency test updates the file.
- The Precision field on QMS125D2-01 cannot exceed 4, based the decimal precision of potency items in INV130.
- The test must be linked with a sample with a rule of one per lot or sequence number to ensure there is only one type 3 test.

You can assign a six decimal place precision and three different rounding methods for numeric test results. If you select a rounding method, the maximum decimal places is five. If a potency item, the maximum decimal places is four.

4 is for the lot or sequence number Release Process

This test allows you to run lot or sequence number release processing when you begin disposition of a lot or sequence number, and before the remainder of the QMS processing is performed. If you use Result 4 in a Test Master record, the table must be 200 and the Pass required value, the Result required value and the result value must all be set to yes. The Verify required value must be set to no.

Test work centers

You can use the test's load function to identify the work center to which testing will be charged during Result Entry. Disposition 0 calls every test assigned to that work center. QMS labor and instrument work centers equate to loading codes defined in Capacity Planning, CAP100. For Instrument-type work centers, use codes 1 (machine) and 3 (set up and machine). For Labor type work centers, use codes 2 (set up), 4 (labor), and 5 (set up and labor).

Worksheets

You can generate worksheets, QMS160, by labor work center and user ID listing all tests that must be run. A Worksheet Number is assigned and a printed Worksheet, QMS274, is automatically generated for the analyst. You can specify test results by worksheet number during Results Entry, QMS545.

Method master

A method is a unique procedure for recording test data and calculating the results. You assign methods and alternate methods to tests. You can associate them with method variables for instruments, raw data, and lot or sequence number information. You can print all resulting calculations on your data sheets and certificates.

The Empirical Table feature enables you to define one-way or two-way empirical tables for use during result data entry. These if/then tables provide an alternate means for testing item conformance. Method maintenance types for calibrated instruments, standard solutions/reagents, and empirical tables prevents un-calibrated instruments from being used, prevents out-of-date standard solutions from being used, and allows for empirically validated test results.

When you select a result with an associated method during Result Entry, the General Calculation screen displays so you specify the required input for keyboard entry method variables, defined in QMS198. After you specify all required values, the system displays the method runs and the calculated results for your validation.

If you allow Multiple Values for a method variable master, you can call the Multiple Values Entry screen from General Calculations. This allows you to specify an unlimited number of numeric or alpha lines of result data for that particular method variable.

You can display and/or print Method Datasheets to prepare for data-entry or to review specified data. Control the method datasheet format in the Format master, QMS176.

Result entry

Physical samples must be measured for conformance, using one or more tests attached to each sample record generated in a disposition. Result Entry displays all samples and their associated tests. Selecting 11 to bring up an entry screen for any test defined for direct entry of results that are numeric or tabular. A test that is both numeric and tabular can capture table results if numeric tests prove unsatisfactory.

This screen represents a data entry worksheet defined by the user in the Method Variables Maintenance program. If the primary method is unavailable, for example instrument not available, then the user may switch to the alternate method with line action 12. This action forces the program to now view the worksheet screen for any alternate method defined.

Disposition numbers 3 through 10 are reserved for your ad hoc samples. You can test these special samples, such as pre-shipment, R&D, or anything appropriate for your data base, against any specification.

Result copy

QMS supports re-designate transactions in INV500. After an item is re-designated in INV500, you can copy the result in QMS515 attaching all sample and test results to the re-designated item and lot or sequence number combination. This feature also allows you to update selected result records. You must create a disposition for the new item with the Reopen option, QMS550.

Certificate maintenance

You can create certificates against any specification. You can perform item, lot or sequence number, and customer queries during lot or sequence number disposition that compare the actual lot results against customer-specific requirements.

Extended descriptions

Extended descriptions are available for specifications, samples, tests, and instruments. These are separate text files that allow for over 59,000 characters of narrative in support the file to which they are attached.

Translations

Multi-language support for Item and Test information is assigned to a system level program in Multi-Language Support.

Instrument maintenance

Instrument Maintenance supports date and time stamped calibration intervals. You can define major and minor calibration levels for each testing instrument, based on a time and/or usage frequency. Test methods that attempt to use an out-of-calibration instrument do not update test results. Instrument Maintenance also supports date and time stamped standard solutions/reagents.

Lot/sequence number processing

You can specify tests assigned to work center during result entry. Result entry combines data entry with running a method. If a method is defined in the test master, the method runs via the same enter action. The method formulas enable you to further standardize your testing results while protecting your data integrity.

Lot/Sequence number dispositioning

If you select a customer and item combination with the Customer/Item feature, the system displays a list of customers of this item. Using their specification, the program rates the particular lot or sequence

number against each customer. The system displays the results as passes, fails, waiting results, needs additional test, and waiting verification.

If you select an item and lot or sequence number with the Lot or Sequence Number/Item feature, the system displays a list of all lots/sequence numbers with quantities available in the system.

Archiving

You can use Archival Selection, SYS905, to archive vital QMS records along with records from the transaction file. A central repository is available for all lot/sequence number-sensitive information. A system-level parameter in SYS824 allows you to select archiving at month-end closing. This feature matches QMS records with ITH records in the QLT file for lot controlled items. Archived records remain on-line in an archived log until you physically delete and store them on magnetic media.

How-to Index

The following list provides a quick reference to the processes that you can perform in this application and the programs that you use for each process. The list also includes programs in related applications.

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- Create lot or sequence number dispositions - QMS550
- Customer candidate search - QMS300
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Glossary

Ad hoc sample

A sample, required for a unique purpose, that is not tied to inventory.

Aliquot

This is the third level of sampling. You take an aliquot from a composite sample. See also primary and composite.

Analysis number

A sequential number that the system automatically assigns to each lot or sequence number.

Approval

This is the sign-off for methods and specifications. You can use approvals to secure specific tasks to selected users.

Archival

Removing data from the database and storing it in a special archival file so you can retrieve it if needed.

Assignment

A sample attribute that controls whether or not the Assigned to and date fields are required in sample entry. The sample will fail an audit if Assignment is required but not specified.

Audited disposition

Disposition of a lot or sequence number /item for which verification is required in the Item Master file.

Automatic approval

You can designate lot or sequence number dispositions for automatic approval when they meet conditions that you define in the Item Master and the disposition code table. You define the records that are eligible for automatic approval in the Manufacturer/Item master, QMS105. Process the automatic approvals and print the audit trail with QMS540.

Automatic lot or sequence number status update

After you process an acceptance disposition, the system automatically updates the Lot or Sequence Number Status in INV130 with the status code from disposition table 310.

Automatic sampling

The system streamlines your audit process by automatically adding the sample record when a lot or sequence number record is triggered for QMS. You activate automatic sampling (using the sample record required field) in the Sample Master, QMS120.

Automatic second disposition

System initiated testing for second disposition activities related to non-essential testing done after acceptance of the lot or sequence number.

Automatic trigger

Setting the quality action trigger processing flag in the Quality System Parameters, QMS820, automatically generates QMS disposition records for quality control item receipts processed in CIM600, INV500, JIT500, and PUR550.

Certificate

Generic term for document text formats that you control for specific purposes. You define the certificates within specifications, and then incorporate test results. See Certificate of Analysis.

Certificate of analysis (also CoA)

A document confirming test results that can go to the customer separately or with the invoice or bill of lading. See Format for information about customizing a CoA.

Composite sample

A sample obtained by mixing portions of primary samples taken for quality measurements.

Container

A logical view of a quantity. QMS uses the number of containers to generate samples.

Control limit

A test requirement with tighter boundaries than the specification limits.

Cost center report

You can combine all department or work center costs on this report.

Cyclic testing

Testing performed on a lot frequency and/or a time frequency.

Disposition

A way to subdivide specification requirements into tests that: are required for product release (Disposition 1), can wait until later (Disposition 2), are applied to interval testing (Disposition 99). Disposition is a sample attribute that controls whether or not the Disposition field is required in sample entry. The sample fails an audit if Disposition is required but not specified.

Extended description

Text files that you can use to explain specifications, samples, tests, methods, and instruments.

Firm date

A code that defines whether the disposition projected date is firmly agreed upon or the default scheduled date.

Footer text

Text defined for a format which prints on the last page of all documents that use that format.

Format

A standardized way of presenting certificates, work lists, and datasheets.

Group

A way of sub-setting functions for allocation to users who do not need, or are not eligible to use, the full functionality of QMS.

Header text

Text defined for a format that prints on the first page of all documents that use that format.

Instrument

Any device that collects or records measurements or data for a test. You can periodically verify its accuracy and recalibrate the device.

Instrument center

Type I work center used for instrument resources. QMS instrument work centers equate to loading codes defined in CAP100. For Instrument-type work centers, use codes 1 (machine) and 3 (set up and machine).

Interval

A period of time between tests, used to define test cycles for stability and life testing.

Item class

A logical grouping of items by function, cost, allocations, customers, and so on.

Item type

A logical grouping of item by function.

Labor center

Type L work center used for labor resources. QMS labor and work centers equate to loading codes defined in CAP100. For Labor type work centers, use codes 2 (set up), 4 (labor), and 5 (set up and labor).

Language table

A method used to assign different languages to documents.

Log

A sample attribute that controls whether or not the Received by and date fields in the sample entry screen are required. The sample fails an audit if logging is required but not specified.

Lot

A generic term used for lot control and the quantity of an item under this control, whether you purchase or produce it.

Lot/Sequence number

A way to identify items manufactured or received at the same time and that share testing characteristics. The term sequence number is used for non-lot controlled QMS items under QMS processing when these items are enabled in your environment.

Manufacturer

The original manufacturer of an item.

Method

A procedure assigned to tests and used for recording measurements and calculating results. A method can have linked variables, can be associated with a datasheet, and can be restricted.

Method variable

A variable defined in a method that can be attached to a datasheet or certificate to extract and print data.

Open Code

A system code that shows whether a disposition is original (1), retest (2), special testing (3), stability sampling (4), or stability testing (5).

Operand

A number, generic variable, or multiple value variable that works with method variables to calculate test results. Numeric operands can be weight or volume, and so on. Generic variables use a wild card, which is an * at the end of the name, to refer to all variables with like names up to, but not including, the asterisk. Multiple value variables have 1 (yes) in the multiple values field. One or two operands are required, depending on the type of operator.

Operator

A mathematical function, stored in Table 200, that uses one or two operands to calculate variables. Examples include add, subtract, multiply, divide, reciprocal, and absolute.

Overflow text

Text defined for a format that prints at the top of each page following the first page of all documents that use that format.

Quantitative test

A measurement that results in a numerical value, for example weight, length, width, of the item's features.

Pack description

A definition of the packaging for a finished item used in Certificates of Analysis and regulatory reporting.

Primary sample

A sample taken directly from a lot/sequence number or container that can be tested or combined into a composite sample.

Probationary testing

A user-definable level of criticality applied to manufacturers with poor quality performance.

Reject Disposal

A client designed table of codes that represent the means of disposal for material that does not conform to specifications.

Resample

The process of taking additional samples for product acceptance.

Result

A system-calculated value that determines the pass/fail of a test, based on single or multiple readings and the defined acceptance range or allowable variance percentage.

Results entry

Data entry of test results on a lot or sequence number basis.

Retest

A test repeated when a lot or sequence number fails acceptance testing (Disposition 1). Or, a test conducted to repass a lot or sequence number and, for a lot, extend its expiration date for remaining inventory. You must trigger the retest in manual entry, QMS500, using an unassigned special disposition code from 11-98. If testing is successful, specify the new expiration date in the lot record in Lot Master Maintenance, INV130. Following that, you can specify a new retest date if you need to repeat the retesting cycle.

Sample

Product or substance used in testing can be primary, a composite of the primary, or aliquots made up of one or more composites.

Sample Disposition

The default assumption for disposal of samples is that they are returned to stock with the lot or sequence number from which they were taken. In those cases where this assumption does not apply, the sample itself must be treated as a part of a lot or sequence number and separately processed to dispose of it.

Sample function

The formula selected in a sampling rule that is used to compute the number of containers to sample.

Sample type

A client-definable code used as a quick reference for sample definitions, for example analytical, physical, and so on.

Sampling method

A client-definable code used as a quick reference for the quantity of samples and method of sampling. For example, H could mean 100% sampling of a lot or sequence number.

Second disposition

See Dispositions.

Specification

The header for test plans defining the samples, tests, and levels of testing in specific situations for any Manufacturer/Item combination. Each specification applies to only one test object from a test plan.

Specification change control

The review of a disposition when its specification changes and further processing is prohibited until all mandatory adjustments to paperwork are made.

Specification limit

Extremes within which a test result can vary and still be acceptable.

Stability sampling

Sampling of perishable items/lots during the item's shelf life.

Stability testing

Testing performed on perishable items/lots during the item's shelf life. Stability testing specifications, methods, sampling rules, and so on can be separate from acceptance and process control testing. Available only if LMS is installed.

Status

The condition of a sample, result, item, lot or sequence number, or test.

Supersede

A maintenance option that allows you to replace an obsolete specification or method with a copy that you can modify for future use. The status of the superseded record is set to 1.

SuperSpec

A specification master shipped with the system. All tests and samples must reside in SuperSpec before you can use them in an item's specification. Note that you can change this name in SYS100.

Test

The procedure performed on a request substance, consisting of a definition and results. Test can be grouped together on test plans and specifications.

Test level

A code that identifies testing required for the same item from different manufacturers or intended for different markets. For example, testing level 1 could mean reduced testing, 2 normal testing, 3 tightened testing, etc.

Test results entry

See Result Entry.

Test status

The condition of a test based on its result values, for example, pass, fail, pending, and error. A test can have multiple results, but all results must pass for the test to pass.

Turnaround number

Sequential numbers that the system assigns to each sample taken.

Verification

The process of proving that a sample was taken, an item processed, or a result was made properly.

Work center

A grouping of laboratory instruments or labor resources for planning and costing.

Worksheet

A user selection of tests to be completed at the same time or at the same work center.

Ranges

Ranges refer to fields you can use to limit an inquiry or report or to display specific data. If there are multiple range fields in a program, you can tailor your inquiry or report to produce only the data you need.

Infor LX sorts the information alphanumerically. Therefore, the value in the From field must be a lower alphanumeric value than the value in the To field.

Infor LX usually inserts extreme values as defaults in the lower and upper fields. See the description for Extreme values by default. The entries you make in range fields do not have to be valid values in a database file.

Review the following suggestions to limit the information:

Specify the first value to include on the inquiry or report in the From field. Leave the To field blank to include all information to the end of the file. For example, you can print a report that starts with the customer number you specify in the From field and stops at the end of the Customer Master file.

Specify the last value to include on the inquiry or report in the To field. Leave the From field blank to start at the beginning of the file. For example, you can perform an inquiry that starts with the beginning of the Customer Master file and ends with the customer number you specify in the *To* field.

Specify the same value in both the *From* and *To* fields. For example, you can limit a display to one customer.

To include a group of items, specify a value in the *From* field and another value in the *To* field. For example, you can perform an inquiry that starts with the first of the month and ends with the last day of the month.

Chapter 3
Programs

3

User sign-on master list, QMS010

Use this program to view all user IDs that are eligible through Infor LX security to sign on to QMS.

Access: Use F4 to prompt on a user ID field.

Select a user ID

Use this screen to select a user ID.

Field descriptions - QMS010D1-01

Fields	Description
Line actions	Specify the number for the line action you want to perform next to a line and press Enter.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
User Profile (10,A):	The system displays all user profiles from the Infor LX security file.

Screen actions - QMS010D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Manufacturer master maintenance, QMS100

Use this program to revise or display manufacturers of purchased items processed in QMS, and to identify your own plant as the manufacturer of intermediate and finished items.

You must define each manufacturer identified as an outside source or internal manufacturer. The QMS system is driven by the relationship you establish between qualified manufacturers and the items they produce.

Access: Menu QMS02

Add or select a manufacturer

Use this screen to add a manufacturer or to select an existing one to maintain.

Field descriptions - QMS100D1-01

Fields	Description
Act (2,0)	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Items
	Use to display the Manufacturer/Item combination, if one exists.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions	The system displays a list of line actions that are available on this screen.
Manufacturer (8,A):	The system displays the manufacturer number. Use the top Manufacturer field with the Create or Position To line actions. To do so, specify a manufacturer number and press Enter.

Name (40,A): The system displays the manufacturer name. Use the top Name field with the Create or Position To line actions. To do so, specify a manufacturer name and press Enter.

Status (8,A): The system displays the status of the manufacturer.

Screen actions - QMS100D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify information to determine which manufacturers to display in the list.

Field descriptions - QMS100D1-01

Fields	Description
Filter options (1,0):	Specify how to sequence the manufacturers on the selection screen.
Country Code (3,A)	Specify a country code to limit the list to manufacturers with that country code.
Description 40,A	Specify all or part of a description to limit the list to manufacturers that contain that description.

Screen actions - QMS100D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify manufacturer details

To access this screen, use the Create, Revise, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify manufacturer details.

Field descriptions - QMS100D2-01

Fields	Description
Name (40,A):	Specify the name of the manufacturer.
Class (8,A):	Specify an optional classification code that you want to assign to the manufacturer.
Address (200,A):	Specify the optional address of the manufacturer.
Country Code (4,A):	Specify the country code of the manufacturer.
Contact (40,A):	Specify the optional name of your contact person with this manufacturer.
Telephone (40,A):	Specify the optional telephone number of the manufacturer.
Notes (80,A):	Specify any notes you want to record about this manufacturer.

Screen actions - QMS100D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Manufacturer master listing, QMS102

Use this program to print the information for a manufacturer or a range of manufacturers.

Access: Menu QMS02

Print the manufacturer master list

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS102D-01

Fields	Description
Manufacturer From (8,A):	To print the report for one manufacturer, specify the manufacturer here and leave the Manufacturer To field blank. To print the report for a range of manufacturers, specify the first value in the range.
Manufacturer To (8,A):	To print the report for one manufacturer, specify the manufacturer in the Manufacturer From field and leave this field blank. To print the report for a range of manufacturers, specify the last value in the range.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS102D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Manufacturer/item maintenance, QMS105

Use this program to add a manufacturer/item combination, or to revise or display those to which you have authority. When you create a combination, you link an item to a manufacturer. You can associate a single item with multiple manufacturers and you can have multiple item/manufacturer combinations call the same specification. You also use this program to set up testing levels that you can apply to sample and test combinations to define the degree of testing on manufacturer/item lots.

Access: Menu QMS02

Add or select a manufacturer/item combination

Use this screen to create a new combination or to select one to maintain.

Field descriptions - QMS105D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions	The system displays a list of line actions that are available on this screen.
Manufacturer (8,A):	The system displays the manufacturer number. You can use the top field with the Create or Position To line actions.
	To create a combination, use the Create line action, specify values in the Manufacturer and Item fields, and press Enter.
	To position to an existing combination, use the Position To line action, specify values in the Manufacturer and/or Item fields, and press Enter.

Item (35,A):   The system displays the item number. You can use the top field with the Create or Position To line actions.

To create a combination, use the Create line action, specify values in the Manufacturer and Item fields, and press Enter.

To position to an existing combination, use the Position To line action, specify values in the Manufacturer and/or Item fields, and press Enter.

Name (40,A):   The system displays the manufacturer or item name.

Status (8,A):   The system displays the status of the combination.

Screen actions - QMS105D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify information to determine which manufacturer/item combinations to display in the list.

Field descriptions - QMS105D1-01

Fields	Description
Filter options (1,0):	Specify how you want to order the list of combinations.

Screen actions - QMS105D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify manufacturer/item combination details

To access this screen, use the Create, Revise, Delete, Display, or Print line action on the selection screen and press Enter. Specify the details of the link between the manufacturer and the item.

Field descriptions - QMS105D2-01

Fields	Description
Specification (15,A):	Specify the specification that you want to use for testing items for this manufacturer/item combination.
Stability Specification (15,A):	The system displays this optional field only if LMS is installed. Specify the stability specification if you perform stability testing on this manufacturer/item. This specification can differ from the one you specified in the Specification field. The system uses this value as the default for all stability items that are automatically or manually selected in LMS.
Automatic Approval (1,A):	Specify yes to indicate that lots or sequence numbers of this item from this manufacturer are eligible for automatic approval. The default is no. If you use result type 4, Lot or Sequence Number Release Process, to create tests, you may not be able to use the Automatic Approval Process, QMS540.
Shelf Life Days (5,0):	The system uses this optional field if the item was set up with a product life after which the item is not available for use. The system adds the number of days you specify to the transaction date to calculate the expiration date in the Lot Master, INV130. The system displays this field only for lot-controlled items.

Retest Days (5,0):

The system uses this field if this item requires retesting after the initial approval. The system adds the number of days you specify to the transaction date to calculate the retest date in the Lot Master, INV130. The system displays this field only for lot-controlled items.

Lot/Sequence Quantity Mandatory (1,0):

The system displays this field as Lot Quantity Mandatory for lot-controlled items and Sequence Quantity Mandatory for non-lot-controlled items. The default is yes to require entry of a number of lots or sequence numbers of this item. For lot-controlled items, this value should be yes if the calculation of the number or quantity of a sample is based on the lot quantity.

Containers Mandatory (1,0):

The default is yes to require a number of containers for all lots or sequence numbers of this item during any Lot Maintenance processing, QMS590. This value should be yes if the number or quantity of a sample is based on the number of containers.

Expiry/Retest Date Calculation Method (1,0):

Specify the type of expiry/retest date recalculation method as part of the hierarchy. Choose from the following values:

0 Receipt Date of Lot

This bases the retest and expiry date recalculation on the receipt date plus shelf life days and retest days.

1 Manufactured Date of Lot

This bases the expiry and retest date recalculation on the date of manufacture provided during receipt or updated on the Lot Master file, plus any shelf life and retest days. Item must be lot controlled.

Methods 2 and 3, which we describe in the help text for Facility Planning Maintenance and Item Master Maintenance, are not available on the QMS screen because Shop Order Processing does not read the Manufacturer/Item Master file, QMI. They are only available in Facility Planning Maintenance and Item Maintenance. To calculate expiry/retest days for quality-controlled items, leave the calculation method field blank here and set the desired method in the Facility Planning Maintenance screen. This gives you the additional flexibility of being able to set different methods for an item when it is purchased or manufactured. You can specify a method for the item when it is purchased in this field and another one for when it is manufactured in the Facility Planning Maintenance (facility-specific item) or Item Master (global item) program.

By default, the system uses the value from the Item Master record but you can change it.

Rnd Expiry Dte to Lst Day of Prev Month (1,0):

Specify yes to require rounding. The field determines whether the calculated expiry date must be set back to the last day of the previous month. if it does not fall on the last day of the month.

If you use QMS and you set this field to yes, the system uses this field to round expiration dates calculated for purchased items only, since shop order processing does not look at the Manufacturer/Item Master file, QMI. You can use this field separately for an item when it is purchased (the system looks here first) or when it is manufactured (the system does not look here. It first looks at the Facility Planning Maintenance, CIC, record, and, if that is blank, the Item Master, IIM, record).

Current (1,A):   Specify the testing level that is appropriate for this manufacturer/item. The testing level defines the required samples and tests to perform and is the default value for all primary dispositions for all lots or sequence numbers of this item/manufacturer.

Current (1,A):   Specify the testing level that is appropriate for this manufacturer/item. If you specify a second current testing level, the system generates a second disposition. You control the scheduled date of the secondary disposition in the IDF Enterprise Item. This feature enables you to schedule the two dispositions separately so that the system performs the required tests for the primary disposition (to release inventory with a short lead time) and still performs informational testing on the second disposition.

Subsequent (1,A):   Specify the optional testing level that is appropriate for this manufacturer/item. You can use this testing level for lots or sequence numbers that are received in separate shipments. This feature enables strict testing on an initial shipment and less strict testing on subsequent shipments of the same lot, once the initial shipment proves satisfactory.

Subsequent (1,A):   Specify the optional second testing level that is appropriate for this manufacturer/item. If you specify a second subsequent testing level, the system generates a second disposition. The system assigns this testing level to each lot or sequence number that has an audited disposition and that has the same item, manufacturer, and manufacturer lot number in the Lot Master, INV130.

Subsequent testing is not valid with automatic sampling.

Retest (1,A):   The system requires a value on this field if this item is subject to retests. Specify the testing level that is appropriate for retests. The system uses this value as the default testing level when a lot from this manufacturer/item is reopened for retest.

Screen actions - QMS105D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify manufacturer/item combination controls

To access this screen, press Enter on the Manufacturer/Item details screen. Use this screen to specify cyclic and probation controls for the manufacturer/item combination.

Field descriptions - QMS105D2-02

Fields	Description
Testing Levels (1,A):	Specify the optional cyclic testing level appropriate to this manufacturer/item. The testing level must exist in the Testing Levels Table in SYS105. The system bases sample requirements on this testing level. The system releases tests to be performed on those samples based on the sample and this testing level. This level applies as a default to all primary dispositions for all lots or sequence numbers of this item for this manufacturer.
Testing Levels (1,A):	Specify an optional second cyclic testing level to generate a second disposition in addition to the primary disposition. You can separately schedule both dispositions. You can perform required tests for the primary disposition, which releases the inventory, with a short lead time while informational tests can be assigned to the second disposition. In this way, the system performs all tests but you can release inventory sooner. The system determines the scheduled date of the secondary disposition by the second lead time in the IDF Enterprise Item.
Time frequency (3,0):	Specify the optional number of days between cyclic tests. When you receive a lot, the system checks the number of days since you assigned the cyclic testing level to a lot of this item from this manufacturer. If that number of days is equal to or greater than this time frequency, the system assigns the cyclic testing level to the lot and resets the next date for release of cyclic testing. If you use a time frequency in conjunction with a lot frequency, whichever comes first resets the next date.
Next date (8,0):	The system requires a value in this field if you specify a time frequency. When you select a lot for cyclic testing, the system resets this date by adding the time frequency to the current date. You can manually override this date any

time. For example, if you specify today's date, the system flags the next lot received for cyclic testing. The system resets this date if you use a lot frequency in stead of or in conjunction with a time frequency.

Lot frequency/Sequence frequency (3,0):   The system displays this field as Lot frequency for lot-controlled items and Sequence frequency for non-lot-controlled items. Specify the cyclic testing lot or sequence frequency, for example type 10 to test every tenth lot or sequence number or 15 to test every 15th and so on.

When you receive a lot, the system checks the current count, which includes this lot, since you last performed cyclic testing. If the current count is equal to or greater than this frequency, the system selects the lot for cyclic testing and resets the current count to zero. If you use time frequency, the system also resets the next date.

If the lot frequency is 1, the system tests every lot at the cyclic level unless it is used with next date on a time frequency. In that case, the system performs the tests when the next date arrives.

Current count (3,0):   The system displays the number of lots that were received since cyclic testing was last selected for this manufacturer/item.

Testing Levels: Specify the optional probationary testing level appropriate to this manufacturer/item. The testing level must exist in the Testing Levels Table in SYS105. The system bases sample requirements on this testing level. The system releases tests to be performed on those samples based on the sample and this testing level. This level applies as a default to all primary dispositions for all lots or sequence numbers of this item for this manufacturer.

Testing Levels: Specify an optional second probationary testing level to generate a second disposition in addition to the primary disposition. You can separately schedule both dispositions. You can perform required tests for the primary disposition, which releases the inventory, with a short lead time while informational tests can be assigned to the second disposition. In this way, the system performs all tests but you can release inventory sooner. The system determines the scheduled date of the secondary disposition by the second lead time in the IDF Enterprise Item.

Probation (1,A):   Specify yes if this manufacturer is on probation for this item. If yes, you must specify a probation testing level.

Ending count (7,0):   Specify the lot count at which you should review the probation status. The Probation Review Report lists all manufacturer/item records whose current count is equal to or greater than the ending count.

Current count (7,0):   This is a counter of lots of this item from this manufacturer. It works with the ending count to determine when you should review the probation status. You can reset this field any time.

Screen actions - QMS105D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify notes

To access this screen, press Enter on the Manufacturer/Item controls screen. Use this screen to specify notes for the manufacturer/item combination.

Field descriptions - QMS105D2-03

Fields	Description
Reference (8,A):	Specify any information to further define or classify the manufacturer/item combination.
Notes (80,A):	Specify any notes you want to record about the manufacturer/item combination.

Screen actions - QMS105D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Manufacturer/item listing, QMS107

Use this program to print a manufacturer/item combination or a range of manufacturer/item combinations, all items for a manufacturer or a range of manufacturers, or all manufacturers for an item or a range of items.

You can report manufacturer/item combinations with probation controls on the Probation Review Report, QMS06. This report lists the records with the current lot count equal to or greater than the ending lot count for the Manufacturer/Items you specify.

Access: Menu QMS02.

Print the report

Use this screen to specify which information to include on the report.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS107D-01

Fields	Description
Manufacturer From (8,A):	To print a list of manufacturer/item combinations that are associated with a specific manufacturer, specify the manufacturer number in this field and leave the Manufacturer To field blank. To print combinations that are associated with a range of manufacturers, specify the first manufacturer number in the range.
Manufacturer To (8,A):	To print a list of manufacturer/item combinations that are associated with a specific manufacturer, specify the manufacturer number in the Manufacturer From field and leave this field blank. To print combinations that are associated with a range of manufacturers, specify the last manufacturer number in the range.

Item From (35,A): To print a list of manufacturer/item combinations that are associated with a specific item, specify the item number in this field and leave the Item To field blank. To print combinations that are associated with a range of items, specify the first item number in the range.

Item To (35,A): To print a list of manufacturer/item combinations that are associated with a specific item, specify the item number in the Item From field and leave this field blank. To print combinations that are associated with a range of items, specify the last item number in the range.

Run Time Parameter (1,A): Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS107D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Method master maintenance, QMS110

Use this program to create, revise, or display your testing methods. Methods are procedures that you use to record data and calculate results. You can associate each method with any number of method variables for calculations and method datasheets for data entry or review.

Access: Menu QMS03

Add or select a method

Use this screen to create a new method or to select one to maintain.

Field descriptions - QMS110D1-01

Fields	Description
Act (2,0)	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:

11=Tests

Use to display all tests that use the selected method, QMS110D3-01.

12=Mass Replace

Use to globally replace all tests associated with the method. The system prompts you for a new method ID. It must be approved to be eligible for use in a mass replace.

13=Description

Use to revise the extended description, QMS110D4-01.

14=Display Description

Use to display the method's extended description, QMS110D4-01.

15=Authorized Users

Use to go to the User/Method master, QMS162D1, where you can select from the list of users authorized to this method.

16=Copy Users

Use to copy all of the authorized users from one method and assign them to another method.

17=Method Variables

Use to work with the variables of this method, QMS198D1.

18=Method Datasheet

Use to work with the datasheet of this method, QMS156D1.

19=Review Start

Use to set the review status (RV) to 1 showing that the review process is started. The method cannot be revised while the RV status is 1.

20=Review Complete

Use to set the review status (RV) to 2 showing that the review process is completed. The method can then be approved.

21=Approve

Use to set the approved status (AP) to 1, showing that the method was approved and can now be assigned to tests.

22=Supersede

Use to supersede (make obsolete) the method; this sets the current status (CU) to 0. Copy the method and assign a new name to it before you supersede it.

23=Clear

Use to clear all review (RV), approve (AP), and supersede (CU) fields.

24=Cyclic Review

Use to set the next cyclic review date.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions	The system displays a list of the line actions that are available on this screen.
Method (15,A):	You can use this field with one of the line actions. Specify the name of a new method, if you use the Create line action, or an existing method, if you use any of the remaining line actions, and press Enter.
Description (40,A):	You can use this field with one of the line actions. Specify the name of the new test description, if you use the Create line action, or an existing test description, if you use any of the remaining line actions, and press Enter.
RS (restricted status):	The system displays 1 if the method is restricted to authorized users or 0 if the method is not restricted.
RV (review status):	The system displays 1 if review has started, 2 if review is completed, 0 if the cyclic review is due, or blank if the cyclic review is not due.
AP (approval status):	The system displays 1 if the method is approved or 0 if not approved.
CU (current status):	The system displays 1 if the method is current or 0 if the method is superseded.

Screen actions - QMS160D1-01

Commands	Description
F16=View	Use to display different statuses in the selection list.

All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Alternate view display

To access this screen, use F16 on the method selection screen. Use this screen to display the method status as part of the selection list. You can access the same line actions as with the other selection list view.

Field descriptions - QMS110D1-02

Fields	Description
Status	The system displays the method status.

Screen actions - QMS110D1-02

Commands	Description
F16=View	Use to display different statuses.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sort or sequence the selection list.

Field descriptions - Filter

Fields	Description
Filter options (1,0):	Specify how you want to sequence the selection list.
Description 40,A	Specify all or part of a description to limit the list screen to methods that contains that description.

Screen actions - Filter

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify method details

To access this screen, use the Create, Revise, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify or to view method details.

Field descriptions - QMS110D2-01

Fields	Description
Description (40,A):	Specify a description of the method.
Method Type (1,A):	Specify the method type that is appropriate for this method.
Restricted (1,A):	Specify yes to restrict the method. You must be authorized in the User/Method Master, QMS162, application to select a restricted method.
Originator (10,A):	Specify the user ID of the originator of this method.
Effective dates, From, To (6,0):	This is the date the method came into effect. You can change it, if necessary for record keeping.

If this method was superseded, the system displays the date but you cannot change it. |
| **Reference (8,A):** | Specify any reference information for this method. |
| **Notes (80,A):** | Specify any notes you want to record about this method. |

Screen actions - QMS110D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify instrument and lab station definitions

To access this screen, press Enter on the method details screen. Use this screen to specify instrument and lab station definitions. These definitions are client-definable. You can base them on any Manufacturing Execution System (MES) or Laboratory Information System (LIS) process that you employ.

Field descriptions - QMS110D2-02

Fields	Description
Instrument (10,A):	Specify the instrument associated with this method, if any.
Labstation (10,A):	Specify the lab station associated with this method, if any. This can be a device that is attached to an instrument or group of instruments and can read results directly from an instruments and optionally control its operation.
Instrument method (20,A):	Specify the method name as defined in the instrument. Multiple laboratory methods can use one instrument method.
Labstation method (10,A):	Specify the method name as defined in the lab station. Multiple laboratory methods can use one lab station method.
Labstation parameters (256,A):	Specify the parameters needed to control the lab station method.

Screen actions - QMS110D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify cyclic review details

To access this screen, press Enter on the Method Master Maintenance screen, QMS110D2-02. Use this screen to specify the cyclic review parameters.

Field descriptions - QMS110D2-03

Fields	Description
Cyclic review frequency (3,0):	Specify the number of days between each review if the method is reviewed periodically. For example, during initial setup you can use this field to distribute cyclic reviews for all methods over the entire year.
Next review date (8,0):	The system automatically resets this following each cyclic review. For example, during initial setup you might use this field to distribute cyclic reviews for all methods over the entire year, based on the cyclic review frequency you specify.

Screen actions - QMS110D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Copy a method

To access this screen, use the Copy line action on the selection screen. Use this screen to copy an existing method to create a new one.

Field descriptions - QMS110D2-04

Fields	Description
Method:	Specify a method number for the new method. When you press Enter, the system copies all of the information from the existing method to the new method.

Screen actions - QMS110D2-04

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display tests

To access this screen, use the Tests line action on the selection screen. Use this screen to display all specifications or tests that uses the method you selected. Use F12 to return to the selection screen.

Field descriptions - QMS110D3-01

Fields	Description
Act (2,0)	Specify the number for the line action you want to perform next to a line and press Enter.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions	The system displays the list of line actions that are available on this screen.
Specification (15, A)	Use this field with the Position To line action to reposition the list.

Screen actions - QMS110D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the extended method description

To access this screen, use the Description line action on the selection screen. Use this screen to specify or display the extended method description.

Field descriptions - QMS110D4-01

Fields	Description
Extended Method Description (60, A)	Specify an unlimited amount of text to describe this method. Each line is 60 positions long. Press Enter to create another screen of blank lines at the end of a description.

Screen actions - QMS110D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Method master list, QMS112

Use this program to print the method master file.

Access: Menu QMS03

Print the report

Use this screen to specify which information to include on the report.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS112D-01

Fields	Description
Option (1,0):	Specify how much method information to print. Choose from the following values: 1 Summary The system prints one line of information. 2 Review The system prints the summary information and the next review date you type in the Next review before field.
Method From (15,A):	To print the report for a range of methods, specify the first method in the range.
Method To (15,A):	To print the report for a range of methods, specify the last method in the range.
Effective Date From (8,0):	To print the report for a range of effective dates, specify the first date in the range.
Effective Date To (8,0):	To print the report for a range of effective dates, specify the last date in the range.
Current only (1,0):	Specify yes to print only the current methods or no to print all methods.
List related tests (1,0):	Specify yes to print all tests assigned to the method or no to omit the related tests.
Next review before (8,0):	Use this field if you specified Review in the Option field. Specify a date to list all methods due for review before or on this date.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS112D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specification master maintenance, QMS115

Use this program to create, revise, or display specifications used for all QMS items. A specification is the basis of quality activity. You can define specifications for finished products, works-in-process, or raw materials.

Each specification represents a unique combination of samples, tests, and their testing level relationships. During QMS setup, you must define your specifications before you can set up any sample masters, test masters, or related records.

You must approve every specification before any one can use it in QMS.

Access: Menu QMS03

Add or select a specification

Use this screen to create a new specification or to select one to maintain.

Field descriptions - QMS115D1-01

Fields	Description
Act (2,0):	Specify the number of the line action you want to perform next to a line and press Enter. Choose from the following actions: **11=Manufacturer/Items** Use to display all manufacturer/item records that use the selected specification. **12=Mass Replace** Use to replace the selected specification with another specification on all manufacturer/item records.

13=Description

Use to change the extended description.

14=View Description

Use to display the extended description.

15=Samples

Use to access Sample Master Maintenance, QMS120D101.

16=Test

Use to access Test Master Maintenance, QMS125D1-01.

17=Load Tests

Use to import all tests from another specification to the specification you are modifying.

18=Certificates

Use to access Certificate Master Maintenance, QMS184D101, with all of the user-defined certificates for the selected specification.

19=Review Start

Use to start the review process. You cannot change the specification while it is under review.

20=Review Complete

Use to complete the review process. You can approve the specification after the review is complete.

21=Approve

Use to approve the specification. You can select the specification by manufacturer/items after you approve it.

You must approve every specification before any one uses it in QMS. If you do not approve a specification, the reviewed (RV) status field becomes misleading. To update the RV field, approve the specification and assign the cyclic review. After that, the RV field correctly reflects the review started or review completed status.

22=Supersede

Use to supersede (make obsolete) the specification. This sets the current status (CUR) to inactive. Copy the specification and assign a new name to it before you supersede it.

23=Clear

Use to clear all review, approve, and supersede fields.

24=Cyclic Review

Use to flag the specification as reviewed and set the next cyclic review date. You define the cyclic review frequency on Cyclic Review screen, QMS115D2-02.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions	The system displays the list of line actions that are available on this screen.
Specification (15,A):	You can use this field with one of the line actions. Specify the name of a new specification, if you use the Create line action, or an existing specification, if you use any of the remaining line actions, and press Enter.
Description (40,A):	You can use this field with one of the line actions. Specify the specification description and press Enter.
RV (Reviewed) (1,A):	The system displays the review status. 0 indicates not reviewed, 1 indicates under review, and 2 indicates complete.
AP (Approved) (1,A):	The system displays the approval status. 0 indicates not approved and 1 indicates approved.
Cur (1,A):	The system displays the whether the specification is current.0 indicates superseded and 1 indicates current.
Status:	The system displays the specification status..

Screen actions - QMS115D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence and sort the selection list.

Field descriptions - QMS115D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how to sequence the selection list.
Description 40,A	Specify all or part of a description to limit the selection list to specifications that contain that description.

Screen actions - QMS115D2-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify specification details

To access this screen, use the Create, Revise, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify or display the details for the specification.

Field descriptions - QMS115D2-01

Fields	Description
Specification:	The system displays the specification number. If you are copying a specification, Specify the new number.
Specification description (40,A):	Specify a description of the specification.
Specification Type (1,A):	Specify the appropriate type for this specification.
Originator (10,A):	Specify the user ID of the originator of the specification.
Effective date, from, to (8,0):	Specify the date the specification came into effect. The system displays the effective date for superseded specifications but you cannot change it.
Reference (8,A):	Specify any reference number for the specification.
Notes (80,A):	Specify any notes you want to record about the specification.

Screen actions - QMS115D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify cyclic review information

To access this screen, press Enter on the specification details screen. Use this screen to set up the cyclic review process for the specification. This information is optional.

Field descriptions - QMS115D2-02

Fields	Description
Frequency (5,0):	Specify the number of days between cyclic reviews. When you set up specifications the first time, you may want to use this field to spread cyclic reviews for all specifications over the year.
Next review date (8,0):	The system automatically sets the next review date after each cyclic review. You can modify this date as needed.
Reviewed date (8,0):	The system displays the date of the last cyclic review. You can change it to another date.

Screen actions - QMS115D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display all associated manufacturer/item combinations

To access this screen, use the Manufacturer/Item line action on the selection screen. Use this screen to display all of the manufacturer/item combinations that use this specification. Use F12 to return to the specification selection list.

Field descriptions - QMS115D3-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
Line actions:	Specify the number for the line action you want to perform next to a line and press Enter.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Item (35,A):   The system displays the item number of the manufacturer/items that use the specification.

Description (50,A):   The system displays the item description as defined in the IDF Enterprise Item.

Manufacturer (8,0):   The system displays the manufacturer number of the manufacturer/items that use the specification.

Screen actions - QMS115D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Mass replace a specification

To access this screen, use the Mass Replace line action on the selection screen. Use this screen to replace the specification in every manufacturer/item record that uses it.

Field descriptions - QMS115D2-03

Fields	Description
New Specification (15,A):	If you are in copy mode, specify the number of the new specification to create from the copy. A copy can take several moments to complete because it copies the specification master, all related sample and test masters, relation records, and extended descriptions, and all related interval sample masters if LMS is installed.

If you are in mass replace mode, specify the number of the specification you want to substitute in each manufacturer/item combination that uses this specification.

Screen actions - QMS115D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the extended specification description

To access this screen, use the Description line action on the selection screen. Use this screen to type or display the extended description of the specification. Use Page Down to access additional lines.

Field descriptions - QMS115D4-01

Fields	Description
Extended Specification Description (690,A):	Specify the complete description of the specification.

Screen actions - QMS115D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Load tests

To access this screen, use the Load Test line action on the selection screen. Use this screen to specify the name of a specification from which you want to import test. The system assigns the tests you import to the specification you are modifying.

Field descriptions - QMS115D2-04

Fields	Description
Load tests from specification (15,A):	Specify the number of the specification whose tests you want to import. This function allows you to copy tests for the bulk item into the packaged item so you can easily modify the specification limits in the packaged item specification. Final product certificates that print results from the bulk lot use only the final product specification. If the system locates duplicate tests, it does not copy any tests so you can easily distinguish between results for the two levels.

Screen actions - QMS115D2-04

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specification master listing, QMS117

Use this program to list summary or detail information for a specification or a range of specifications, specifications by effective date, or specifications with all related manufacturer/items.

Access: Menu QMS03

Print the report

Use this screen to specify which information to print on the report.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS117D-01

Fields	Description
Option (1,0):	Specify the how much information you want to print for each specification. Choose from the following values: 1 Summary

The system prints one line of information per record.

2 Detail

The system prints all of the specification information.

3 Review

The system prints the summary information with a review date that you type in the Next review before field.

Specification From (15,A):	To print the report for a range of specifications, specify the first specification number in the range.
Specification To (15,A):	To print the report for a range of specifications, specify the last specification number in the range.
Effective Date From (8,0):	To print the report for a range of effective dates, specify the first date in the range.
Effective Date To (8,0):	To print the report for a range of effective dates, specify the last date in the range.
Current only (1,0):	Specify yes to print only the current specifications or no to print all specifications.
List of related items (1,A):	Specify yes to print the manufacturer/items associated with the selected specification or no to omit those manufacturer/items.
Next review before (8,0):	Use this field if you specified Review in the Option field. Specify a date defined in the Specification Master, QMS115, to list all specifications due for review before or on this date.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS117D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sample master maintenance, QMS120

Use this program to revise or display samples and their relationships with the parent specification. Each sample master must include a testing level table. To define this table correctly, you need to have pre-defined test masters, QMS125, and sampling rules, QMS135.

If LMS is installed, you must create sample masters in LMS120 before you can define them as interval samples in this program. You must define each sample as a stability sample (see screen QMS120D2-02). All LMS120 line actions initiate processing that occurs in QMS.

Access: Menu QMS03 and LMS

Add or select a sample

Use this screen to create a sample or to select an existing one to maintain.

Field descriptions - QMS120D1-01

Fields	Description
Act (2,0)	Specify the number of the line action you want to perform next to a line and press Enter. **11=Load** Use to display the sample load screen in maintenance mode. **12=Relations** Use to display the testing relationships screen in maintenance mode. **13=Description** Use to display the extended description screen in maintenance mode.

14=Display Load

Use to display the sample load screen in display-only mode.

15=Display Relations

Use to display the testing relationships screen in display-only mode.

16=Display Description

Use to display the extended description screen in display-only mode.

17=Display All

Use to display the sample detail, load, testing relations, and description screens in display-only mode.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of the line actions that are available on this screen.
Specification (15,A):	You can use this field with one of the line actions. Specify the name of an existing specification, complete the Sample field, and press Enter. If you use Position To line action, you do not need to complete the Sample field.
Sample (7,A)	You can use this field with one of the line actions. Specify the name of an existing Sample, complete the Specification field, and press Enter. If you use Position To line action, you do not need to complete the Specification field.
Description (40, A):	The system displays the description of the sample.
SL (Sampling Level) (1,0):	The system displays the sampling level. 1 for Primary sample. 2 for Composite made from a primary. 3 for Aliquots made from composites.
Origin (7,A):	The system displays the ID of the sample from which a composite or aliquot is made.
Status:	The system displays the status of the sample.

Screen actions - QMS120D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - QMS120D1-01

Fields	Description
Filter options (1,0):	Specify how you want to sequence or sort the selection list.

Screen actions - QMS120D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify sample details

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify the sample information.

Field descriptions - QMS120D2-01

Fields	Description
Sample ID (7,A):	The system displays the sample number. If you are in copy mode, type the number of the new sample.
Description (40,A):	Specify the description of the sample.

Sample type (1,A):   Specify the sample type.

Sampling level (1,0):   Specify 1 for primary samples taken from the containers, 2 for composites made from primaries, or 3 for aliquots made from composites.

Origin (5,A):   The system requires a value in this field for composites and aliquots. Specify the ID of the sample from which the composite or aliquot was made.

The origin sample must be correct for this sample record: If you add an aliquot, the origin must be a composite. If you add a composite, the origin must be a primary. If you add a primary, the origin must be blank.

Unit of measure (8,A):   Specify the unit in which the sample quantity is measured.

Sample record required (1,0):   Specify yes to automatically add sample records when you select the lot for disposition. You define the number of samples to add in the Sampling Rules, QMS135.

The *AUTO flag identifies the automatic samples; you can view them with line actions 14 (required samples) and 16 (samples) on disposition screen QMS550D1-01. Specify no if you do not want to automatically add the sample records.

Multiple add (1,0):   Specify yes to allow entry of multiple samples at one time. This activates the Ending sample number field in Sample Entry. Leave the default value of no if you need only one sample or if you must specify each sample separately.

Log (1,A):   The default is no. Specify yes to require input to the Received by and Date fields during sample entry for this sample.

Assign (1,A):   The default is no. Specify yes to require input to the assigned to field during sample entry for this sample.

Disposition (1,A):   The default is no. Specify yes to require input to the Disposition field during sample entry for the sample.

Reference (8,A):   Use this field to further classify and categorize the sample master.

Notes (80,A):   Specify any notes you want to record about the sample master.

Screen actions - QMS120D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify storage condition details

To access this screen, press Enter on the sample details screen. Use this screen to set up the storage condition parameters.

Field descriptions - QMS120D2-02

Fields	Description
Stability sample (1,A):	The default is no. Specify yes if this sample is stored at the start of a stability testing program. When you select a lot for stability, the system automatically enters all disposition number 99 records if the Auto Stability flag is on in the IDF Enterprise Item. If that flag is not set, you must specify the information manually.
Storage quantity (13,6):	Specify the sample quantity to store at the start of stability testing. It must be sufficient for the testing required at all intervals.
Temperature (3,A):	Specify a storage temperature that is appropriate for this stability sample.
Humidity (3,A):	Specify a storage humidity/air condition code that is appropriate for this stability sample.
Position (3,A):	Specify a storage position that is appropriate for this stability sample.
Lighting (3,A):	Specify a storage lighting condition code that is appropriate for this stability sample.

Specify sample load details

To access this screen, use the Load line action on the selection screen. Use this screen to specify the work load required for the sample. The resource management fields on this screen display the sample location and expected processing time.

Field descriptions - QMS120D3-01

Fields	Description
Sampling hours (7,3):	Specify of hours needed to take the samples. Type minutes as decimals, for example type 1.5 for one hour and 30 minutes.
Sampling work center (6,A):	The system requires a value in this field if you specified sampling hours. Specify the appropriate labor work center (type L) for sampling from the work center listing.
Instrument hours (7,3):	Specify the number of hours of instrument time needed to take the samples. Specify minutes as decimals, for example 1.5 for one hour and 30 minutes.
Instrument work center (6,A):	The system requires a value in this field if you specified instrument hours. Specify the appropriate instrument work center (type I) for sampling from the work center listing.
Cost center (8,A):	Specify the cost center associated with this sample.

Screen actions - QMS120D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify testing relationships

To access this screen, use the Relations line action on the selection screen. Use this screen to specify sample testing levels and rules.

LMS must be installed for stability sampling. The relation records for stability samples allow you to define a lead time and cost for each testing level. The interval sample masters determine which samples are required.

Field descriptions - QMS120D4-01

Fields	Description
Testing Level (1,A):	Specify the appropriate testing level for each level you want to define for this sample.
Leadtime (3,0):	Specify a lead time for each testing level. This should be the number of working days from receipt to completion of testing of this sample. A testing level does not need a lead time, but each lead time must correspond to a testing level.
Cost (15,5):	Specify the cost of sampling and testing this sample for the corresponding testing level. A testing level does not need a cost but each cost must correspond to a testing level.
Rule (10,A):	Specify the appropriate sampling rule from the Sampling Rules master for this sample at this testing level. A sampling rule is required even if the number of samples is constant.
Quantity (13,6):	Specify the quantity of samples required for this testing level for primary samples or aliquots. Do not specify a quantity for composites. The system calculates the quantity based on the number and quantity of aliquots. For example, if a primary sample needs quantity X for identity testing and an additional quantity to make the composite, specify X here. The system calculates the additional quantity based on the number and quantity of aliquots.

Screen actions - QMS120D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the extended sample description

To access this screen, use the Description line action on the selection screen. Use this screen to specify or display the extended description of the sample.

Field descriptions - QMS120D5-01

Fields	Description
Extended Sample Description (720,A):	Specify a complete description of the sample and the sampling process, detailing protective clothing for hazardous substances, special containers required, and so on.
Line (3,0):	The system assigns a number to each line of text.

Screen actions - QMS120D5-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sample master listing, QMS122

Use this program to list sample masters, sample relations, and extended sample descriptions for a specific sample, all samples for a specification or range of specifications, or all samples for a sample ID or range of sample IDs.

Access: Menu QMS03

Print the report

Use this screen to specify which information to print on the report.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS122D-01

Fields	Description
Specification From (15,A):	To print only those samples associated with a range of specifications, specify the first value in the range. The system includes only those samples that are associated with at least one of the specifications in the range you specify.
Specification To (15,A):	To print only those samples associated with a range of specifications, specify the last value in the range. The system includes only those samples that are associated with at least one of the specifications in the range you specify.
Sample ID From (7,A):	To print only a range of samples, specify the first value in the range.
Sample ID To (7,A):	To print only a range of samples, specify the last value in the range.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS122D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Test master maintenance, QMS125

Use this program to define and review all tests for each specification. You can define specification and control limits, the method ID, whether the test is required or informational only. You can assign work centers to test masters for accounting for testing time.

Access: Menu QMS03

Add or select a test

Use this screen to create a new test or to select one to maintain.

Field descriptions - QMS125D1-01

Fields	Description
Act (2,0):	Specify the number for the line action to perform and press Enter. To use the first line, specify the line action and at least one key field value. Use Action 18 to select one test for translation; use Action 20 to display a list of tests that are available to translate.
Line actions:	The following line actions are available on this screen:

11=Load

Use to change the work load information.

12=Relations

Use to change the sample/testing level relations.

13=Description

Use to change the extended description.

14=Display Load

Use to view the work load information.

15=Display Relations

to view the sample/testing level relations.

16=Display Description

Use to view the extended description.

17=Display All

Use to view the load, relations, and description screens.

18=Translate

Use to go to the Test Language Master, QMS196, for the specification/test translations.

19=Mass Update

Use in front of SUPERSPEC for this test ID to access Test Master Mass Update, QMS129D-01. This action displays all occurrences of the test ID in the Test Master file, QTM.

20=Language Override

Display the Test Master Language Override screen, QMS130D-01. The list is positioned at the test that you selected on QMS125D1-01. Select this test, or another test, and the language for translation.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Specification (15,A):	You can use this field with one of the line actions. Specify the name of a specification and press Enter.
Test (7,A):	You can use this field with one of the line actions. Specify the name of a new test, if you use the Create line action, or an existing test, if you use any of the remaining line actions, and press Enter.
Seq (5,0)	The system automatically assigns a sequence number to each record in the test master file. You can use this field with the Position To line action to reposition the list.
Description (40,A):	The system displays the test description.
Status:	The system displays the test status.

Screen actions - QMS125D1-01

Commands	Description
F15=Toggle Language	Use F15=Toggle Language to switch between the test description in the master file (base) language and in your language, assuming the test description was translated into your language.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - Filter

Fields	Description
Filter options (1,0):	Specify how you want to sequence the selection list.

Screen actions - Filter

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify test details

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify information for the test.

Field descriptions - QMS125D2-01

Fields	Description
Specification (15,0):	The system displays the specification ID of the test you selected. If you are in create or copy mode, specify the new specification.
Test (7,0):	The system displays the test ID you selected. If you are in create or copy mode, specify the new test ID.
Description (80,A):	Specify the test's full description.
Result type (1,A):	Specify the result type for this test. Choose from the following values:

1 Numeric

Use this type for yes/no or pass/fail results. You can use specification and control limits and/or a result code table with numeric results. See QMS125D2-02.

2 Tabular

Use this type for results that come from the result code table you specify on this screen.

3 Potency

The API product must be installed and the item must be defined as a potency item in INV. The system automatically updates the Lot Potency field in INV130 after disposition of a potency item. Note the following conditions:

- You must define result type 3 on the result record for a test with a potency result type.
- The Results field on QMS125D2-01 must be 1. Only one result can update potency.
- The Sequence field on QMS125D2-01 must be 1. Only the first potency test updates the file.
- The Precision field on QMS125D2-01 cannot exceed 4, based the decimal precision of potency items in INV130.
- The test must be linked to a sample with a rule of one per lot to ensure there is only one type 3 test.

4 Lot/Seq Release

Use this type in a test you want to use to run lot or sequence number release processing when you begin disposition of a lot or sequence number, and before you perform the remainder of the QMS processing. If you use Result 4 in a Test Master record, the table must be 002 and you must set the Pass required value, the Result required value, and the result value to yes. You must set the verify required value to no.

Table (3,A): This field is required for result type 2 and optional for types 1 and 3. Specify the ID of the table that contains the result codes for this test. This must be a client-defined result table of type 4. The system prompts the person responsible for result entry on screen QMS545D1-01 to select a code from this table.

Pass required (1,A): The default is yes to require the lot or sequence number and sample to pass audit. Specify no if the result is optional. The system ignores results for optional samples for auditing purposes. See Testing Level in the Sample Master, QMS120.

Result required (1,A): The default is yes to require this test and its result in order for the lot or sequence numbers and sample to pass audit. Specify no if the result is optional. The system ignores results for optional samples for auditing purposes. See Testing Level in the Sample Master, QMS120.

Verify required (1,A): The default is no verify required. Specify yes to require verification of this test's result for the lot or sequence number and sample to pass audit.

Result (3,0): Specify the minimum number of test results required. The default is 1. Your entry must be 1 or greater. Any test for which you specify a result number must have a testing level/sample relationship record in the Test Master, QMS125, in order for the system to release it for sample entry.

If you selected potency (result type 3) with a sequence of 1, you must specify a result number of 1 to avoid conflicting potency results.

Sequence (5,A):   Specify the desired sequence in which to perform the tests.

Precision (1,0):   Specify the number of decimal positions required for a numeric result for this test ID. Valid entries are 0 through 5 if you specify a rounding method below, or 0 through 6 if you do not specify a rounding method.

If you specify a rounding method, the system rounds the result to this precision using the next digit and ignores all subsequent digits. For example, if you specify a precision of 4, the system uses the fifth decimal and ignores the sixth. You cannot exceed this decimal precision when you define the specification and control limits on the Test Master Maintenance Detail screen, QMS125D2-02.

Rounding (1,0):   This field is required if you specified a decimal precision. Specify one of the following rounding methods for decimals in your test results. The system rounds the result to the number of decimal places defined on this screen before comparing the result to the upper/lower limits to determine a pass or fail.

1

Round up on 5 or more.

2

Round down on 5 or less.

3

Round up on greater than 5, down on less than 5, up on 5 if the preceding digit is odd, down on 5 if the preceding digit is even.

Reference (8,A):   Use this reference field to further categorize your tests.

Notes (80,A):   Specify any additional information you want to record about this test.

Screen actions - QMS125D2-01

Commands	Description
F21=Language Override	Display the Test Master Language Override screen, QMS130D-01. Select a test and the language for translation.
F22=Toggle Language	Use F22=Toggle Language to switch between the test description and notes in the master file (base) language and in your language, assuming the test description and notes were translated into your language.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify control limits

To access this screen, press Enter on the test details screen. Use this screen to specify control limits, which you can use for pass/fail results or reference and analysis. The system prints only specification limits for certificates of analysis. Internal reports print each limit that you use.

Field descriptions - QMS125D2-02

Fields	Description
Result unit of measure (8,A):	Identify the unit of measure for results, for example Pts/Thou for parts per thousand.
Upper specification limit (13,6):	The upper specification limit for this test must be greater than the lower specification limit. This limit must be greater than the upper control limit, if used.
Upper control limit (13,6):	The upper control limit for this test must be greater than the lower control limit. This limit must be less than the upper specification limit if specified.
Lower control limit (13,6):	The lower control limit must be greater than the lower specification limit.
Lower specification limit (13,6):	The lower specification limit must be less than the lower control limit.
Target (14,A):	The system uses the target result for analysis purposes only.

Spread (14,A):	Specify the maximum difference desired between the highest and the lowest result of this test for a particular lot or sequence number. The system uses this field for analysis purposes only.
Method (15,A):	Specify the method for this test from the Method Master to sequence tests on the worksheet according to method.
Alternate method (15,A):	Specify an alternate method for this test, from the Method Master. You can switch between a method and the alternate method defined here.
Program (10,A):	Specify the name of the program, written in a programming language supported by the system, used to calculate the result of this test.

Screen actions - QMS125D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify test specification details

To access this screen, press Enter on the test control limits screen. Use this screen to specify text for the test specification and to define how the system prints the test results on the certificate of analysis.

Field descriptions - QMS125D2-03

Fields	Description
Test Specification (200,A):	Specify the test specification in detail.
Summary CoA (1,A):	Specify yes to include this test in the summary certificate. Specify the default value of no to print it on the detailed certificate only.
Print raw data (1,A):	Specify yes to print the test's raw data on the certificate. Specify the default value of no to omit the raw data.
Regulatory report (1,A):	This field is available only if LMS is installed. Specify yes to include this test on the Stability Regulatory Report. Specify the default value of no to omit this test from the report.

Result print selection (1,A):	Specify 1 to print all non-blank, non-voided, verified (if required) results for this test on the certificate.
	Specify 2 to print an average of all non-blank, non-voided, verified (if required) results for this test on the certificate.
	Specify 3 to print the last non-blank, non-voided, verified (if required) result for this test on the certificate.
User parameters (1,A):	These two parameters are client-defined. You can specify any codes to print on the certificate.

Screen actions - QMS125D2-03

Commands	Description
F21=Language Override	Display the Test Master Language Override screen, QMS130D-01. Select a test and the language for translation.
F22=Toggle Language	Use F22=Toggle Language to switch between the test specification in the master file (base) language and in your language, assuming the test specification was translated into your language.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Modify the work load information

To access this screen, use the Load line action on the selection screen. Use this screen to modify or display the work load information.

Field descriptions - QMS125D3-01

Fields	Description
Instrument hours (7,3):	Specify the standard instrument time per sample in hours, for example 1.5 is 1 hour 30 minutes.
Instrument center (6,A):	This field is required if you specified instrument hours. Specify the appropriate instrument work center (type I) for testing from the work center listing.
Labor hours (7,3):	Specify the standard labor time per sample in hours, for example 1.5 is 1 hour 30 minutes.

Labor center (6,A): This field is required if you specify labor hours. Specify the appropriate labor work center (type L) for testing from the work center listing.

Leadtime (3,0): Specify the number of working days allowed to complete the test. The system adds this lead time to the operation start date to compute the operation end date for the Capacity Planning report.

Offset (3,0): Specify the number of working days before the job completion date that this test must be started. The system subtracts this offset from the job end date to compute the operation start date (last start date) for the Capacity Planning Report and Worksheets. You specify the job end date during workload entry or it is provided by a workload interface from your materials planning application.

Screen actions - QMS125D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Modify sample/testing level relationships

To access this screen, use the Relations line action on the selection screen. Use this screen to modify or display the sample/testing relationships, which are critical for defining required samples.

Field descriptions - QMS125D4-01

Fields	Description
Sample ID (7,A):	If you specify a sample ID you must specify a corresponding testing level. You do not need to repeat the sample ID for every testing level to which it applies.
Testing Level (1,A):	This field is required for every sample ID you enter. Specify the testing level that is appropriate for this sample.

Screen actions - QMS125D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the extended test description

To access this screen, use the Description line action on the selection screen. Use this screen to specify or display the extended test description.

Field descriptions - QMS125D5-01

Fields	Description
Extended Test Description:	Specify a complete description of the test specifications. You can use this description as an adjunct to the description in the Method Master.

Screen actions - QMS125D5-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Lot test notes, QMS126D2

The Lot Test Notes program, QMS126D2, allows you to maintain or view lot test notes against a result and to view test descriptions.

Write or view lot test notes

Use the Lot Test Note Entry screen, QMS126D2-01, to write or view notes that pertain to specific tests for a lot/disposition combination. The screen displays header fields Item, Lot, Disposition, Sample ID/Number, and Test ID/Number from the Results Entry screen, QMS545D2-01.

Field descriptions - QMS126D2-01

Fields	Description
Test Note Description:	In Revise mode, write test notes for this test for the lot/disposition combination that the screen displays in the header fields. If you use F6=Accept, the program updates the Lot Test Notes file, QT2. The Test Description, QTD, defaults into this field as lot test notes, but you can revise, delete, or add to this text. If no Test Description value existed at the time that the system created the result, you can create the lot test notes for the first time in this field. You cannot modify the note description fields in Display mode.

Screen actions - QMS126D2-01

Commands	Description
Enter	Remove blank lines and move remaining lines up to eliminate line number gaps.
F6=Accept	Accept the content of the screen and update the Lot Test Notes file, QT2. This function key appears in revise mode only if you have the required security level to perform the update.
F14=Insert	Accept additions and changes to the screen, remove blank lines, and insert a line below the current cursor position.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

View lot test descriptions

Use the Lot Test Description panel, QMS126D2-02, to view lot test descriptions from the Lot Test Description file, QT1. The screen displays header fields from the Results Entry screen, QMS545D2-01. It shows the extended test description from QT1 next to each line. The Lot Test Description is the Test Description value in the Test Description file, QTD, at the time that the system created the result record.

All fields on this screen are display only.

Screen actions - QMS126D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Test master listing, QMS127

Use this program to print test masters, sample relations, and extended descriptions for a specific test, all tests for a specification or range of specifications, or all tests for a test number or range of test numbers. You can specify a language to use for the report, assuming the test descriptions and specifications are translated.

Access: Menu QMS03, option 25.

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS127D-01

Fields	Description
Specification From (15,A):	To print only those tests associated with a range of specifications, specify the first value in the range. The system includes only those tests that are associated with at least one of the specifications in the range you specify.
Specification To (15,A):	To print only those tests associated with a range of specifications, specify the last value in the range. The system includes only those tests that are associated with at least one of the specifications in the range you specify.
Test From (7,A):	To print only a range of tests, specify the first value in the range.
Test To (7,A):	To print only a range of tests, specify the last value in the range.
Override Print Option (1,0):	Specify the language in which to print information for the test record. If you use the default print option 0, Infor LX prints the report in the master file (base)

language. If you select option 1, but a language record does not exist, the system prints the information from the base master file. If you choose options 3 or 4, but a language record does not exist, the report does not include data for that record. Before you submit the job, verify that your printer supports the languages that you select for the report.

0=Print Base Information

Print the tests and specifications in the master file (base) language.

1=Print User Language Override for MLS records

Print the test information in the language of the user who submits the job. The system prints the data in the language assigned to the user ID in Infor LX User Authorization Maintenance, SYS600D1.

3=Print Language Overrides in Specified Language

Specify a valid language code in the promptable field to the left of the option. The information prints in the specified language.

4=Print All Available Languages

Print the test information from all the language (ZLS) records.

(Language) (3,0):	Specifiy the language to use on the report.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS127D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Mass test master update, QMS129D

If you use line action 19=Mass Update in front of the SUPERSPEC Specification for a test ID in the Test Master Maintenance selection screen, QMS125D-01, Infor LX calls the Test Master Update program, QMS129D. Use this program to copy a change in a SUPERSPEC/Test ID definition to other occurrences of the test under different specification numbers.

Update a test definition from SUPERSPEC in multiple specifications

Use the Test Master Mass Update screen, QMS129D-01, to select specifications that contain the test to update. After you accept your selections, the program updates the test definition in each of the selected specifications with the data in that test's definition in the SUPERSPEC.

Field descriptions - QMS129D-01

Fields	Description
Line actions	The system displays a list of line actions that are available on this screen.
	11=Select
	Select a specification to update. After you use Enter, the program puts an asterisk in the status field to the right of the record. You can select one specification or multiple specifications to update.
	13=De-Select
	De-select a previously selected specification. Use this action to de-select individual specifications to exclude them from a mass update. The program removes the asterisk from the status field to the right of the record.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Act (2,0):	Specify the number for the line action to perform and press Enter. To use the first line, specify the line action and at least one key field value.
Specification (15,A):	Enter the specification number to select, de-select, or position the list to. The program displays all specifications that include the SUPERSPEC test that you selected in the Test Master Maintenance screen, QMS125D1-01.

Screen actions - QMS129D-01

Commands	Description
F6=Accept	Copy values from the SUPERSPEC definition of the test to that test in all specifications that you selected in the list. The process updates Test Master file data, Test Description and Test Relation data, and the Specification/Test extension file if it exists in the SUPERSPEC. The program creates a new

version of each test that you selected in the Test Master History file, QTH, and the Test Description History file, QDH.

F14=Select All

Select all specifications in the list. You can de-select individual specifications with the line action 13=De-Select.

All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Test master language override, QMS130D

Use this program to enter the translations for specification/test descriptions. The screen lists existing records in the Specification/Test MLS file, ZLS. See Auto Create Language Record, SYS091D, and Mass Create Language Records, SYS092D, for more information.

If you use the auto create feature, the list of tests on the QMS130D-01 screen includes changes made in Test Master Maintenance, QMS125D1. The new and updated records have status Review Required. When you translate the test descriptions and press Enter, the status changes to Active.

If you did not auto-create the ZLS records, use action 1=Create to create the records in this program. When you create a record in the language extension file, the system copies the record, in the master file (base) language, from the Test Master file, QTM, to the ZLS file. The record is then available for translation.

If you use the Infor Development Framework (IDF) you must create a blank Language record in SYS091D for File 020 and Language Code ***. QMS125D2 automatically creates and maintains this record. The blank Language record is not listed on QMS130D-01 and you cannot revise or delete it. To display or copy the record, enter action 5=Display or 3=Copy, specify the test and leave the language field blank.

Access:

- Menu QMS03
- Action 20=Language Override from the Test Master Maintenance screen, QMS125D1-01
- F21=Language Override from the Test Master Maintenance screens, QMS125D2-01 and QMS125D2-03

Add or select a specification/test record

Use the Test Master Language Override screen, QMS130D-01, to add or select a test record to translate.

Field descriptions - QMS130D-01

Fields	Description
Line actions	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Act (2,0):	Specify the number for the line action to perform and press Enter. To use the first line, specify the line action and at least one key field value.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Specification (15,A):	Specify the specification to translate.
Test/Description (7,A):	Specify the test to translate.
Language (3,A):	Specify the language to use in the translation.

Screen actions - QMS130D-01

Commands	Description
F13 = Filters	Access the Filter Options screen to select from the following sequences:
	1=Specification/Test/Language - Active
	2=Specification/Test/Language - All
	3=Only Review Required Records
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Filter options

Use the Filter Options screen to limit the list of specification/test records.

Field descriptions - Filter

Fields	Description
Filter Options (1,0):	Specify one of the following options to limit the list of records. 1=Specification/Test/Language - Active 2=Specification/Test/Language - All 3=Only Review Required Records
Filter (3,A):	Specify a language to display only records for that language.

Screen actions - Filter

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

User/instrument master maintenance, QMS132

Use this program to define instruments as restricted or non-restricted and to authorize user access to restricted instruments.

Access: Menu QMS04

Add or select an instrument

Use this screen to create a new combination between a user and an instrument or to select an existing combination to maintain.

Field descriptions - QMS132D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

User (10,A): You can use this field with one of the line actions. Specify the name of an existing user, complete the Instrument field, and press Enter. If you use Position To line action, you do not need to complete the Instrument field.

Instrument (15,A): You can use this field with one of the line actions. Specify the name of an existing user, complete the Instrument field, and press Enter. If you use the Position To line action, you do not need to complete the User field.

Description (40,A): The system displays the description of the *user/instrument record*.

Status (1,A) The system displays the user/instrument status.

Screen actions - QMS132D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - Filter

Fields	Description
Filter options (1,0):	Specify how you want to sequence the user/instrument combinations on the selection screen.

Screen actions - Filter

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify user/instrument combination details

To access this screen, use the Create, Revise, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify information for the user/instrument.

Field descriptions - QMS132D2-01

Fields	Description
Reviewed by (10,A):	Specify the user ID of the person who conducted the last review of this user for this instrument.
Review date (8,0):	Specify the date of the last review of this user for this instrument.
Next review (8,0):	Specify the date this user should be reviewed and re-authorized for this instrument.
Reference (8,A):	Use this field to further define or classify your user/instrument.
Notes (80,A):	Specify any notes you want to record about the user/instrument.

Screen actions - QMS132D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

User/instrument listing selection, QMS133

Use this program to print the User/Instrument master file.

Access: Menu QMS04

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS133D-01

Fields	Description
Sequence (1,0):	Specify 1 to print the list in user ID order or 2 to print the list in instrument ID order.
User From (10,A):	To print only those records associated with a range of users, specify the first user in the range.
User To (10,A):	To print only those records associated with a range of users, specify the last user in the range.
Instrument From (15,A):	To print only those records associated with a range of instruments, specify the first instrument in the range.
Instrument To (15,A):	To print only those records associated with a range of instruments, specify the last instrument in the range.

Next Review Before (8,0):	Use this field to include only the user/instrument records with a review on or before the date you specify.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS133-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sampling rules maintenance, QMS135

Use this program to define, calculate, and review the number and quantity of samples.

You define a sampling rule for each sample relation to define whether the sample input is based on quantity or containers, and whether the sample output is a quantity (two vats) or a number (500 tablets) of samples.

Sampling rules can be simple or complex. Below is an example of a simple sampling rule.

Take one sample per lot or sequence number.

Below is an example of a complex sampling rule.

Take one primary sample for every square root + 2 containers, make one composite for every 10 primaries, then, for every composite, make three aliquots with 40, 60 and 5 grams respectively.

Calculating quantities for primaries can be complicated, particularly when the number of primaries is not a multiple of 10.

Access: Menu QMS03

Add or select a sample rule

Use this screen to create a new sample rule or to select an existing one to maintain.

Field descriptions - QMS135D1-01

Fields	Description
Act (2,0):	Specify the number of the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Rename
	Use to assign a new name to an existing sampling rule.
	12=Table
	Use to display the result table, QMS135D3-01, to link with the selected sampling rule.
	13=Display table
	Use to display the sampling rules table, QMS135D3-01, in view-only mode.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Rule (10,A):	You can use this field with one of the line actions. Specify the name of a new rule, if you use the Create line action, or an existing rule, if you use one of the remaining line actions, and press Enter.
Description (40,A):	You can use this field with one of the line actions. Specify the rule description.
Status:	The system displays the rule status.

Screen actions - QMS135D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - QMS135D1-01

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list of rules on the selection screen.
Function (1,A)	Specify a function to limit the list screen to sampling rules that use a specific mathematical function. Choose from the following values:
	Blank
	Use this to select all functions
	1
	All
	2
	Square root
	3
	Factor
	4
	Constant
	5
	Table
	6

Multiply

Description 40,A	Specify a full or partial rule description to display only those rules whose description contains the text you type.

Screen actions - QMS135D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify rule details

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify or display rule information.

Field descriptions - QMS135D2-01

Fields	Description
Rule (10,A):	The system displays the sampling rule for existing records. If you are in copy mode, specify the new rule ID.
Rule description (40,A):	The system displays the sampling rule description for existing records. If in copy or create mode, specify the new description.
Input (1,A)	Specify 1 to base calculations on the number of containers in the lot or sequence number or number of origin samples. Specify 2 to base calculations on the lot or sequence number quantity. The default value is 2.
Output (1,A)	Specify 1 to calculate the number of samples. Specify 2 to calculate the quantity of sample. If you specify 2 (quantity of sample), the system adds any quantity you specify in the sample relation record to the calculated quantity. The default value is 2.
Function (1,0):	Specify one of the mathematical functions for this rule to define how the sampling output, which is the number of samples required, is derived from the sampling input, which is the number of containers for primaries or origin samples for composites and aliquots. 1 All

With this function, the output number is the same as the input number. Use this function for 100% sampling of containers and for sampling of aliquots.

2 Square Root

The system calculates the square root of the input number and rounds the result down to the next whole number. You can specify a constant (below) to add to the result.

3 Factor

The system divides the input number by the factor that you specify below (1 in 5, 1 in 20, and so on) and rounds the result up to the next whole number.

4 Constant

With this function, the output number is the value you specify in the constant field below, regardless of the input number.

5 Table

The output number is taken from a table, for example Military Standard 105D. Use line action 12 (table) to display the limit/result table, QMS135D3-01.

6 Multiply

The system multiplies the input number by the factor that you specify on this screen.

Factor (5,0): This field is required for function 3. The system divides this factor into the input number and then rounds up the result.

Constant (5,0): This field is required for function 4. This field is optional for function 2. If you selected the constant function, the number you type here *is the output number, regardless of the input number. I*f you selected the square root function, the system adds the number you type here to the result.

Minimum (5,0): Specify the minimum sample number or quantity, depending on your choice for the output field.

Maximum (5,0): Specify the maximum sample number or quantity, depending on your choice for the output field.

Reference (8,A): Specify any classification or definition of this sampling rule.

Notes (80,A): Specify any notes you want to record for this sampling rule.

Screen actions - QMS135D2-01

Commands	Description
Standard screen ac-tions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify item range limits

To access this screen, use the Table line action on the selection screen. Use this screen to define the item range limits for anticipated testing results for the selected sampling rule.

Field descriptions - QMS135D3-01

Fields	Description
Lower Limit	Each value that you specify in this column is the lower limit of a QA item range.
Result	Each value that you specify in this column is the number of samples required for the range set by the lower limit. For example, assume 50-100 is a range of items (50 is one lower limit and 100 is the next lower limit). If you specify 20 as the result to correspond with lower limit 100, 20 samples are required for each lot or sequence number that contains between 50 and 100 items.

Screen actions - QMS135D3-01

Commands	Description
Standard screen ac-tions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Customer/item master maintenance, QMS136

Use this program to display or revise the customer data that prints on certificates and to match quality controlled items with customer requirements. All customers cited in customer shipments must exist in this file. The customer/item combination consists of the specification, certificate format, and expiration date requirements.

Access: Menu QMS02

Add or select a customer/item

Use this screen to create or display customer/item combinations.

Field descriptions - QMS136D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	17=Candidates
	Use to access the Lot Candidate Search, QMS320, for this customer/item.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Customer (8,0):	You can use this field with one of the line actions. Specify the name of an existing customer, complete the Item field, and press Enter. If you use the Position To line action, you do not need to complete the Item field.
Item Number (35,A):	You can use this field with one of the line actions. Specify the number of an existing Item, complete the Customer field, and press Enter. If you use the Position To line action, you do not need to complete the Customer field.

Screen actions - QMS136D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - QMS136D1-01

Fields	Description
Filter options (1,0):	Specify how to sequence the list on the selection screen.

Screen actions - QMS136D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify customer/item combination details

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify or display customer/item combination information.

Field descriptions - QMS136D2-01

Fields	Description
Item (35,A)	The system displays the item number you selected. If you are in create or copy mode, specify a new item number.
Customer (8,0)	The system displays the customer number you selected. If you are in create or copy mode, specify a new customer number.
Specification (15,A):	Specify the specification that is required by this customer for this item.
Testing level (1,A):	Specify the testing level that is required by this customer for this item.
Expiry interval (5,0):	Specify the number of days to expiration, as specified by this customer for this item. This field displays only for lot-controlled items.
Format (10,A):	Specify the format used for certificates for this customer/item.
Certificate (10,A):	Specify the name of the user-defined certificate for this customer/item.
Reference (8,A):	Specify any information to define or classify the customer/item.
Notes (80,A):	Specify any notes you want to record about the customer/item.

Screen actions - QMS136D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Customer/item listing, QMS137

Use this program to print the Customer/Item master file.

Access: Menu QMS02

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS137D-01

Fields	Description
Customer From (8,A):	To print only those records associated with a range of customers, specify the first customer in the range.
Customer To (8,A)	To print only those records associated with a range of customers, specify the last customer in the range.
Item From (35,A):	To print only those records associated with a range of items, specify the first item in the range.
Item To (35,A):	To print only those records associated with a range of items, specify the last item in the range.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS137D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Empirical table maintenance, QMS138

Use this program to define if/then or if and if/then scenarios in a table format. You can use your empirical tables during Result Entry to run method variables as an alternate means of testing item conformance against known standards.

Access: Menu QMS03

Add or select an empirical table

Use this screen to create a new empirical table or to select one to maintain. The Dimension column displays whether the table is one or two dimensional.

Field descriptions - QMS138D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Entries
	Use to view the entries for the selected empirical table.
	12=Initialize Table
	Use to generate the input values of the selected empirical table.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.

Table (10,A):   You use this field with one of the line actions. Specify the name of a new table, if you use the Create line actions, or the name of an existing table, if you use one of the remaining line actions.

Description (40,A):   You use this field with one of the line actions. Specify the name of a new table description, if you use the Create line actions, or the name of an existing table description, if you use one of the remaining line actions.

Screen actions - QMS138D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - QMS138D1-01

Fields	Description
Filter options (1,0):	Specify how to sequence the list on the selection screen.
Description (40,A):	Specify a full or partial table description to print only those tables whose description contains the text you type.

Screen actions - QMS138D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify empirical table details

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action on the selection screen and press Enter. Use this screen to specify information for the empirical table. You use the heading section to define the headings for the dimensions and the result that the system displays or prints. You use the decimal section to define the decimal precision for the dimensions and the result when the system displays or prints them.

Field descriptions - QMS138D2-01

Fields	Description
Table (10,A):	The system displays the ID of the empirical table selected for review or maintenance. If you are in create mode, specify the new table ID.
Description (40,A):	The system displays the description of the empirical table selected for review or maintenance. If you are in create mode, specify the new table description.
Dimensions (1,A):	The system displays the dimension of the table selected for review or maintenance. If you are in create mode, specify 1 for a one-dimensional table, for example temperature and a result, or 2 for a two-dimensional table, for example temperature, humidity, and a result.
Dimension 1 type (1,A):	This field is required for one-dimensional tables. Lookup method for dimension 1.
	1 Interpolated
	Insert an unknown value between two known values. For example, if your table specifies a result of 10 for an input of 4 and a result of 20 for an input of 6, an input of 5 gives a result of 15.
	2 Discrete
	You must define all input values in the table in order to give a result. In the example above, an input of 5 would be an error.
	3 Range

Every input value gives the same result as the next lowest input. In the example above, inputs of 4 and 5 would each give a result of 10.

Dimension 2 type: This field is required for two-dimensional tables. Lookup method for dimension 2.

1 Interpolated

Insert an unknown value between two known values. For example, if your table specifies a result of 10 for an input of 4 and a result of 20 for an input of 6, then an input of 5 will give a result of 15.

2 Discrete

You must define all input values in the table in order to give a result. In the example above, an input of 5 would be an error.

3 Range

Every input value gives the same result as the next lowest input. In the example above, inputs of 4 and 5 would each give a result of 10.

Dimension 1 (10,A):   Specify the column heading text to use for dimension 1.

Dimension 2 (65,A):   This field is required for two-dimensional tables. Specify the column heading text to use for dimension 2. The top line (the first 35 characters) of the description displays on the table list screen; both lines (all 65 characters) print on the table listing.

Result (10,A):   This field is required for one-dimensional tables only. This field contains the descriptive text for the result of the lookup. The system does not use this field for two-dimensional tables.

Dimension 1 (1,A):   Specify the decimal precision that you require for dimension 1. You do not need to specify the decimal places for table entry (type 1 for a table entry of 1.00).

Dimension 2 (1,A):   This field is required for two-dimensional tables. Specify the decimal precision that you require for dimension 2.

Result: Specify the decimal precision for the result of the lookup.

Screen actions - QMS138D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify empirical table reference details

To access this screen, press Enter on the empirical table details screen. Use this screen to specify information that you can use to better reference the empirical table.

Field descriptions - QMS138D2-02

Fields	Description
Reference (8,A):	Specify any information to define or classify your empirical tables.
Notes (80,A):	Specify any notes you want to specify about the empirical table.

Screen actions - QMS138D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Modify or display input values and results for one-dimensional tables

To access this screen, use the Entries line action for a one-dimensional table on the selection screen and press Enter. Use this screen to modify or display the input values and results for this one-dimensional empirical table.

Field descriptions - QMS138D3-01

Fields	Description
Act (2,0):	Specify the number for the Position To line action next to a line and press Enter.
Input (13,6):	This is the input value. The system displays the Dimension 1 heading that you defined on QMS138D2-01 at the top of the column. Any input higher than the last highest input value or lower than the lowest input value results in an error.
Result (13,6):	This is the table result value. The system displays the result heading you defined on QMS138D2-01 at the top of the column.

Screen actions - QMS138D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Modify or display input values and results for two-dimensional tables

To access this screen, use the Entries line action for a two-dimensional table on the selection screen and press Enter.

Field descriptions - QMS138D3-02

Fields	Description
Act (2,0):	Specify the number for the Position To line action next to a line and press Enter.
Input row 1 (13,6):	This is the input value. The system displays the Dimension 1 heading that you defined on QMS138D2-01 at the top of the column. Any input higher than the last highest input value or lower than the lowest input value results in an error.
Input column 2 (13,6):	This is the input value. The system displays the Dimension 2 heading that you defined on QMS138D2-01 at the top of the column. Any input higher than

the last highest input value or lower than the lowest input value results in an error.

Results (13,6):   This is the table result value. The system displays the result heading you defined on QMS138D2-01 at the top of the column.

Screen actions - QMS138D3-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Initialize an empirical table

To access this screen, use the Initialize table line action on the selection screen, QMS138D1-01. Initializing one-dimensional tables is optional. You must initialize two-dimensional tables before you can specify results. Initializing generates the input values using a starting value, an ending value, and an increment. At least one value is required for both dimensions.

Field descriptions - QMS138D401

Fields	Description
Starting value (17,6):	Specify the lowest input value for this dimension.
Increment (17,6):	Specify the difference between successive input values for this dimension.
Ending value (17,6):	Specify the highest input value for this dimension.
Starting value (17,6):	Specify the lowest input value for this dimension.
Increment (17,6):	Specify the difference between successive input values for this dimension.
Ending value (17,6):	Specify the highest input value for this dimension.

Screen actions - QMS138D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Method datasheet maintenance, QMS156

Use this program to define the reporting format for method calculations.

Access: Menu QMS05

Add or select a method datasheet

Use this screen to create a method datasheet or to select one to maintain.

Field descriptions - QMS156D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Method (15,A):	Use this field with one of the line actions. Specify a method ID and press Enter.

Screen actions - QMS156D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection screen.

Field descriptions - QMS156D1-01

Fields	Description
Filter options (1,0):	Specify how you want to sequence or sort the selection list.

Screen actions - QMS156D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select method datasheet lines

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action the selection screen and press Enter. Use this screen to select a line of the method datasheet you want to maintain.

Field descriptions - QMS156D2-01

Fields	Description
Method (15,A):	The system displays the selected method and its description. If in copy mode, specify the new method ID.
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	13=Add After
	Use to insert text at the selected line. The system automatically resequences the line numbers after you add text.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Line (3,0):	You can use this field with one of the line actions. Specify a specific line number for the line action you selected.

Screen actions - QMS156D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Modify a method datasheet line

To access this screen, use the Revise, Delete, Display, or Add After line action on the selection screen, QMS156D2-01, and press Enter. Use this screen to modify the datasheet text. The Previous and Next fields display the full line of text for the lines that precede and follow the line you selected.

Field descriptions - QMS156D3-01

Fields	Description
Current (132,A):	This is the input line on which you can specify new information. As you type information, your text wraps to the second line. When you finish, press Enter to process. If you add or delete a line, the system renumbers the remaining lines.

Screen actions - QMS156D2-01

Commands	Description
F14=Method variable prompt	Use to select a method variable to insert in the text at the current cursor location. The variable name is preceded by an ampersand (&) character that tells the program to substitute the variable constant in the text when you print the datasheet. Be sure to leave enough space after the variable name for the variable constant to print. You can type the ampersand and variable name without prompting if desired. If you type variable names in lowercase, the system translates all variable names into uppercase.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Worksheet maintenance, QMS160

Use this program to generate testing worksheets, according to tests and methods, for selected work centers. You can use the printed worksheet to record test results onsite and specify the test data, worksheet number, and testing time in Result Entry.

Work sheets are labeled QMS274 in the printer spool file.

Access: Menu QMS06

Specify a work center and user ID

Use this screen to specify a work center and user ID associated with the worksheet you want to create or maintain.

Field descriptions - QMS160D-01

Fields	Description
Work Center (6,A):	Specify the appropriate work center number for this worksheet.
User (10,A):	Specify the user ID to assign to this worksheet.

Screen actions - QMS160D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Add or remove worksheet tests

To access this screen, press Enter on the work center screen, QMS160D-01. This screen displays all open tests for the selected work center. In the St field, the system displays 1 if the sample was taken or 2 if the result was specified.

The Start field displays the last start date for the test, which is the scheduled disposition date minus the test offset defined in the Test Master.

Field descriptions - QMS160D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	9=Include
	Use to include a method on the worksheet. The system displays an asterisk next to each method you include.
	11=Drop
	Use to drop a method from the worksheet.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

Method (15,A): You can use this field with one of the line actions. Specify a method ID for the test and press Enter. You can use this field to sequence the tests on the worksheet according to method ID.

Screen actions - QMS160D1-01

Commands	Description
F6=Create	Use to create and print the worksheet.

All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Add or remove worksheet item/lot or item/sequence numbers

To access this screen, use F16 on the add or remove method screen, QMS160D1-01. Use this screen to add or remove worksheet items/lots or items/sequence numbers.

Field descriptions - QMS160D1-02

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:

9=Include

Use to include an item or lot/sequence number on the worksheet.

11=Drop

Use to drop an item or lot/sequence number from the worksheet.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

*	The system displays an asterisk next to each test that you include on the worksheet.
Item (35,A):	You can use this field with one of the line actions. Specify the item ID and press Enter.
Lot/Sequence Number (25,A):	You can use this field with one of the line actions. Specify the lot or sequence number and press Enter.
Disp (3,0):	The system displays the disposition you selected for the worksheet.
Sample:	The system displays the sample name.
Sample No. (3,A):	The system displays the sample number you selected for the worksheet.
Test (7,A):	You can use this field with one of the line actions. Specify the test ID and press Enter.
Analysis (3,0):	The system displays the analysis number, which is a unique number that the system assigns to each lot or sequence number.

Screen actions - QMS160D1-02

Commands	Description
F6=Create	Use to create and print the worksheet.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Create the worksheet

To access this screen, use F6 on QMS160D1-01 or QMS160D1-02. You use this screen to set up a new worksheet and submit it to print.

Work sheets are labeled QMS274 in the printer spool file. Be sure to also record the number of the work sheet before it prints. This number is required in Result Entry in order to record the testing time for the work center.

This screen displays the number of tests that are selected for the worksheet as well as the total standard time that was taken for those tests. This information can help you decide whether to add or drop tests.

Field descriptions - QMS160D1-03

Fields	Description
Print worksheet (1,A):	Specify yes to print the worksheet or no to not print the worksheet.

Screen actions - QMS160D1-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display results data

To access this screen, use the Display line action on the QMS160D1-01. The screen displays the Lot Number field for lot-controlled items and the Sequence Number field for non-lot controlled items.

The system also displays the following fields:

- Pass

Display only for tests of result type A (alpha results). The system displays 1 if the sample passed the test or 0 if it failed.

- Numeric

The system displays the numeric value from the Test Master, QMS125, for tests of result type 1 (numeric).

- Code

The system displays 2 for tabular tests or 1 for numeric tests if the Numeric field above is blank, based on the definition in the Test Master, QMS125.

- Alpha

The system displays the description of the result.

- Tester

The system displays the user ID of the person who performed the test.

- Date

The system displays the date the test was performed.

- Remarks

The system displays the remarks, if specified during Result Entry.

Screen actions - QMS160D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display additional details

To access this screen, press Enter on the Display results data screen, QMS160D2-01. Use this screen to view additional results data.

The screen displays the Lot Number field for lot-controlled items and the Sequence Number field for non-lot controlled items.

The screen also displays the following fields:

- Actual time

The system displays the time of the test, if the time was specified manually during Result Entry.

- Void

The system displays 1 if the result has been voided or 0 if it was not voided.

- Verified

The system displays 1 if the result has been verified or 2 if it was not verified.

- Verified On

The system displays the date of verification if the result was verified.

- Verified By

The system displays the user ID of the verifier if the result was verified.

Screen actions - QMS160D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

User/method master maintenance, QMS162

Use this program to define or review the relationships between users of QMS and the methods defined in the Method Master, QMS110.

Access: Menu QMS03

Add or select a user/method combination

Use this screen to create a user/method combination or to select an existing combination to maintain.

Field descriptions - QMS162D1-01

Fields	Description
Act (2,0):	Specify the number of the line action you want to perform next to a line and press Enter.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
User (10,A):	The system displays the user ID. You can use the top field with the Create or Position To line actions.
	To create a combination, use the Create line action, specify values in the User and Method fields, and press Enter.

To position to an existing combination, use the Position To line action, specify values in the User and/or Method fields, and press Enter.

Method (15,A):

The system displays the user ID. You can use the top field with the Create or Position To line actions.

To create a combination, use the Create line action, specify values in the User and Method fields, and press Enter.

To position to an existing combination, use the Position To line action, specify values in the User and/or Method fields, and press Enter.

Screen actions - QMS162D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or sort the selection list.

Field descriptions - QMS162D1-01

Fields	Description
Filter options (1,0):	Specify how you want to sequence or sort the selection list.

Screen actions - QMS162D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify user/method combination details

To access this screen, use the Create, Revise, Delete, Display, or Print line action on the selection screen, QMS162D1-01, and press Enter. Use this screen to specify optional information for the user/method combination.

Field descriptions - QMS162D2-01

Fields	Description
Reviewed by (10,A):	Specify the user ID of the person who conducted the last review of this user for this method.
Review date (8,0):	Specify the date of the last review of this user for this method.
Next review:	Specify the date for review/re-authorization for this user for this method.
Reference (8,A):	Specify any reference code you want to record for this user/method.
Notes (80,A):	Specify any notes you want to record about this user/method.

Screen actions - QMS162D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

User/method master listing, QMS164

Use this program to list selected user/method combinations.

Access: Menu QMS03

Print the report

Use this screen to print the list of user/method combinations.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS164D-01

Fields	Description
Sequence (1,0):	Specify the desired sort sequence for the listing. Specify 1 to print the list in user ID order or 2 to print the list in method number order.
User From (10,0):	To print a list of user/method combinations that are associated with a specific user, specify the user ID in this field and leave the User To field blank. To print combinations that are associated with a range of users, specify the first user ID in the range.
User To (10,A):	To print a list of user/method combinations that are associated with a specific user, specify the user ID in the User From field and leave this field blank. To print combinations that are associated with a range of users, specify the last user ID in the range.
Method From (15,A):	To print a list of user/method combinations that are associated with a specific method, specify the method in this field and leave the Method To field blank. To print combinations that are associated with a range of methods, specify the first method in the range.

Method To (15,A):	To print a list of user/method combinations that are associated with a specific method, specify the method in the Method From field and leave this field blank. To print combinations that are associated with a range of methods, specify the last method in the range.
Next Review Before (8,0):	Use this field to limit the combinations on the report to only those whose review date falls before the date you type.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS164D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Instrument master maintenance, QMS170

Use this program to revise or display the records of all instruments used in calibration testing. You can design major and minor calibration cycles based on a time frame or a calibration counter. You use this feature to select dispositions based on a calibrated item.

Access: Menu QMS04

Add or select an instrument

Use this screen to create an instrument or to select an existing one to maintain.

Field descriptions - QMS170D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:

14=Display Description

Use to view the extended description.

15=Authorized users

Use to maintain or view the list of user IDs that are eligible to work with this instrument.

16=Copy Users

Use to copy an existing user/instrument record.

17=Major Calibration

Use to open a major calibration disposition, QMS550D4-01, for the selected instrument.

18=Minor Calibration

Use to open a minor calibration disposition, QMS550D4-01, for the selected instrument.

19=History

Use to view the calibration sets for the selected instrument.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

Instrument (15,A): The system displays the instrument ID. You can use the top field with one of the line actions. To use the Create line action, specify the new instrument ID and press Enter.

To use one of the remaining line actions, type an existing instrument ID and press Enter.

Description (40,A): The system displays the description of existing instruments. You can use the top field with one of the line actions.

Rs (1,0): The system displays 1 (yes) if the instrument is restricted to authorized users or 0 (no) if it is not restricted.

Ac (1,0):   The system displays 1 (yes) if the instrument is active or 0 (no) if it is inactive.

Due (1,0):   The system displays 1 if a major calibration is due on the instrument or 2 if a minor calibration is due.

Screen actions - QMS170D1-01

Commands	Description
F16=View	Use to toggle between the RS/AC/DUE and status fields.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS170D1-01

Fields	Description
Filter options (1,0):	Specify how to sequence the list of instruments on the selection screen.
Description	Specify a full or partial description to list only those instruments whose description contains the text you type.

Screen actions - QMS170D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify instrument details

To access this screen, use the Create, Revise, Copy, Delete, Display, or Print line action on the selection screen and press Enter.

Field descriptions - QMS170D2-01

Fields	Description
Instrument (15,A):	The system displays the instrument ID. If you are in copy mode, specify the new instrument ID.
Description (40,A):	The system displays the instrument description. If you are in create or copy mode, specify the new instrument description.
Restricted (1,A):	If the instrument is restricted to selected user IDs, type 1 (yes-restricted), otherwise type 0 (no-not restricted). You specify user-instrument combinations in QMS132.
Active status (1,A):	If the instrument is available for use, specify 1 (yes-active), otherwise type 0 (no-not active).
Instrument type (4,A):	Specify the appropriate instrument type for this instrument.
Department (4,A):	Specify the department to which the instrument is assigned.
Location (8,A):	Specify the work center where the instrument is used or assigned.
Labstation (10,A):	Specify the lab location where the instrument is used or assigned.
Date of acquisition (6,0):	Specify the date your company acquired the instrument.
Asset number (15,A):	Specify your company asset number for the instrument.
Serial number (50,A):	Specify the instrument serial number.
Maintained by (8,A):	Specify the primary maintenance provider for the instrument.
Contract number (15,A):	Specify the service contract number.
Contract expiry date (6,0):	Specify the contract expiration date.
Reference (8,A):	Type any desired information about the instrument or calibration.
Notes (80,A):	Specify any extended notes about the instrument or calibration.

Screen actions - QMS170D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify calibration details

To access this screen, press Enter on the details screen, QMS170D2-01.

Field descriptions - QMS170D2-02

Fields	Description
Specification - major cycle (15,A):	Specify the specification to use when calibrating the instrument.
Testing level - major cycle (1,A):	Specify the testing level for the major level specification to use when calibrating the instrument.
Time frequency - major cycle (5,0):	Specify the number of days between calibrations for this instrument if you want to base calibrations on a time, rather than a usage, factor.
Next calibration - major cycle (8,0):	Specify the date the next calibration is due.
Usage frequency - major cycle (5,0):	Specify the number of calibrations this instrument can perform before it is due for a calibration. The system increments the usage count by the count increment specified in the method variable, QMS198. The instrument is due for calibration when the usage count exceeds the usage frequency. You can use this field as an alternative or an addition to a time frequency.
Current usage count - major cycle (5,0):	This is the number of times the instrument was used since the last calibration. The system resets it to zero when you calibrate the instrument.
Specification - minor cycle (15,A):	Specify the specification to use when calibrating the instrument.
Testing level - minor cycle (1,A):	Specify the testing level for the minor level specification to use when calibrating the instrument.

Time frequency - minor cycle (5,0):	Specify the number of days between calibrations for this instrument if you want to base calibrations on a time, rather than a usage, factor.
Next calibration - minor cycle (8,0):	Specify the date the next calibration is due.
Usage frequency - minor cycle (5,0):	Specify the number of calibrations this instrument can perform before it is due for a calibration. The system increments the usage count by the count increment specified in the method variable, QMS198. The instrument is due for calibration when the usage count exceeds the usage frequency. You can use this field as an alternative or as an addition to a time frequency.
Current usage count - minor cycle (5,0):	This is the number of times the instrument was used since the last calibration. The system resets it to zero when you calibrate the instrument.
Total usage count (7,0):	This is the total number of times the instrument was used, for major and minor cycles combined.

Screen actions - QMS170D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Copy all users

To access this screen, use the Copy Users line action on the selection screen, QMS170D1-01. Use this screen to copy all authorized users of an instrument to another instrument that you specify.

Field descriptions - QMS170D2-03

Fields	Description
New Instrument (15,A):	Specify the name of the instrument to which you want to copy the selected authorized users.

Screen actions - QMS170D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

View calibration sets

To access this screen, use the History line action on the selection screen, QMS170D1-01. Use this screen to view the calibration sets for the selected instrument. A calibration set consists of 999 calibration dispositions. After you reach 999, the system automatically adds a new calibration set.

The system displays the dates the calibration was in effect.

Field descriptions - QMS170D3-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Calibrations
	Use to display the dispositions for the selected calibration.
	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Calibration Set (15,A):	The system displays the calibration set name. You can use the top field with one of the line actions.

Screen actions - QMS170D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the extended instrument description

To access this screen, use the Description or Display Description line actions on the selection screen, QMS170D1-01.

Field descriptions - QMS170D4-01

Fields	Description
Line (3,0):	This is the number assigned to each line of text. You can position to a specific line number.
Extended Instrument Description (780,A):	Specify a description or instructions.

Screen actions - QMS170D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Instrument listing selection, QMS171

Use this program to print the instrument master file.

Access: Menu QMS04

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS171D-01

Fields	Description
Option (1,0):	Specify how you want to print the report. Specify 1 to print the summary report, which consists of one line of information per selected instrument. Specify 2 to print the review report, which consists of summary information for instruments with a review date that you specify.
Instrument From (15,A):	To print the report for one instrument, specify that instrument ID here and leave the Instrument To field blank. To print the report for a range of instruments, specify the first instrument ID in the range.
Instrument To (15,A):	To print the report for one instrument, specify that instrument ID in the Instrument From field and leave this field blank. To print the report for a range of instruments, specify the last instrument ID in the range.
Instrument Type (3,A):	To print the report for only those instrument of a certain type, specify that type here.
Next review before (8,0):	Specify a date to include only those instruments whose review date is on or before the date you type.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS171D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Format master maintenance, QMS172

Use this program to maintain or review certificate formats. A format can define the language to print, the decimal, date and time style, translations for the months of the year, and text and variables for headers, footers and overflow.

Access: Menu QMS05

Add or select a format

Use this screen to create a new format or to select an existing one to maintain.

Field descriptions - QMS172D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	11=Header
	Use to view or maintain the header text for this format.
	12=Footer
	Use to view or maintain the footer text for this format.
	13=Overflow
	Use to view or maintain the overflow text for this format.
	14=Results
	Use to view or maintain the results section for this format.

15=Raw Data

Use to view the raw data section.

16=Certificates

Use to display the certificates that use this format, QMS172D3-01.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:
The system displays the list of line actions that are available on this screen.

Format (10,A):
The system displays the format name. You can use the top field with one of the line actions. To use the Create line action, specify the name of the new format and press Enter.

To use one of the remaining line actions, specify the name of existing format and press Enter.

Description (40,A):
The system displays the format description. You can use the top field with one of the line actions.

Status
The system displays the format status.

Screen actions - QMS172D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to specify how to sequence or order the selection list.

Field descriptions - QMS172D1-01

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the selection screen.
Description:	Specify a full or partial description to list only those formats whose description contains the text you type.

Screen actions - QMS172D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify format details

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the selection screen, QMS172D1-01.

Field descriptions - QMS172D2-01

Fields	Description
Format (10,A)	The system displays the format selected for maintenance or review. If you are in copy mode, specify the new format name.
Description (40,A):	The system displays the description of the format. If you are in copy mode, specify the new format description.
Language (3,A):	Specify the code for the language of this format. This code must be defined in the Language Table.
Default specification text (40,A):	Specify the text (such as Meets test) that the system prints when a test has no defined specification text. Specification text for numeric tests is generated from their limits, such as 98.0 to 101.0. You must define specification text for tabular tests in test specification lines 1-5 of the test master, QMS125. If none is defined, the system uses the text you specify here.
Text for not reported (20,A):	Specify the text that you want to print in the result column of certificates and reports when the test has no result.

Text for pass (20,A):   Specify the text that you want to print in the result column for alpha and tabular results that pass. Numeric results display the number.

Text for fail (20,A):   Specify the text that you want to print in the result column for alpha and tabular results that fail. Numeric results display the number. The system prints an asterisk * to the left of all results that fail.

Months of the year (144,A):   Specify the months of the year in the language you specified above. The system uses this field for format variables that print the month as text.

Decimal character (1,A)   Specify the character used to separate the integers from the decimals in a number. For example, you use 5.5 or 5,5 to represent five and a half.

Thousands separator (1,A):   Specify the character used to define the thousands position in a number. For example, you can represent one million as 1,000,000 or 1.000.000.

Zero before decimal (1,0):   Specify yes to print a zero before the decimal character in a fraction, for example print one quarter as 0,25. Specify no for no zero before decimal, for example print one quarter as ,25.

Text for maximum (10,A):   Specify text to print when specification text is generated for numeric type tests with no lower limit, for example Max 1.5 %. The system prints this text before the number.

Text for minimum (10,A):   Specify text to print when specification text is generated for numeric type tests with no upper limit, for example Min 99.5 %. The system prints this text before the number.

Text for to (10,A):   When specification text is generated for numeric type tests that have both lower and upper limits, the system prints this text between the numbers, for example 99 to 100.5 %.

Screen actions - QMS172D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify format date and punctuation controls

To access this screen, press Enter on the format details screen, QMS172D2-01. Use this screen to specify date and punctuation controls

Field descriptions - QMS172D2-02

Fields	Description
Date format (1,A):	Specify the date format.
Date separator (1,A):	Specify the character used to separate the parts of the date. This character is usually /.
Time format (1,A):	Specify 1 to use the 12 hour format or specify 2 to use the 24 hour format. This value determines whether to use, for example, 2:30 or 14:30:00.
Time separator (1,A):	Specify the character used to separate the hours, minutes, and seconds. For example, specify a colon (:).
Notes (80):	Specify any notes you want to record about this format.

Screen actions - QMS172D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display certificates

To access this screen, use the Certificates line action on the selection screen, QMS172D1-01. Use this screen to display the certificates that use the format you select.

Field descriptions - QMS172D3-01

Fields	Description
Act (2,0):	Use the Position To line action to reposition the list of certificates.
Line actions:	The system displays the list of line actions that are available on this screen.
Specification (15,A):	The system displays the specification associated with this certificate. Use the Position To line action, specify a specification, and press Enter to reposition the list.

Screen actions - QMS172D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Item language master selection, QMS174

Use this program to translate item descriptions to another language or change item descriptions to other terminology in your own language. The system prints the text that you define in this program on your certificates and internal result report. The report print format includes a language code that enables you to use these translation records and override those in the Item Master file.

This master file is in the initial language, with translations in as many languages as needed. Each language you specify must be defined in a Language Table, SYS105.

Access: Menu QMS05

Select an item

Use this screen to specify an item with which you want to work for translations.

Field descriptions - QMS174D-01

Fields	Description
Item/Commodity/Special Charge (35,A):	Specify the item number, commodity, or special charge code that you want to work with for translation purposes.

Screen actions - QMS174D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Add or select an item, commodity code or special charge to translate

Use the Language Master Selection screen, QMS174D1-01, create, copy or select a language record. To access this screen, specify an item on the item selection screen, QMS174D-01 and press Enter. You can also access this screen when you select the Translation line action from IDF Enterprise Item, Commodity Code Selection, PUR180D-01, or Special Charge Selection, PUR181D-01.

Field descriptions - QMS174D1-01

Fields	Description
Act (2,0):	Specify the number of the line action to perform and press Enter. To use the first line, specify the line action and the language code.
Line actions:	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Language (3,A):	Specify the language for the translation. The system displays all existing language codes for the selected record. You can create a new language record or revise and existing one.
Description (40,A):	The system displays the description of each language code.

Screen actions - QMS174D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to filter the records in the list.

Field descriptions - QMS174D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify selection criteria for the screen. You can display all or only active items, sorted by item/language, or all or only active commodity codes (or special charge codes), sorted by code/language.

Screen actions - QMS174D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the translation details

The Item Language Master Maintenance screen, QMS174D2-01, is used to translate item records. You can access this screen with the Create, Revise, Copy, Delete, or Display line action on the item selection screen, QMS174D1-01. Use this screen to specify the details of the translation. You can also access this screen with actions Create, Revise, Copy, and Display from the Item Language Override screen, INV118D-01, if you are displaying item records. Commodity Code and Special Charge Code records take you to QMS174D3-01.

Field descriptions - QMS174D2-01

Fields	Description
Item (35,A):	The system displays the name of the item you selected. If you are in Copy mode, you can specify a new item.
Language (3,A):	The system displays the name of the language used for the item you selected. If you are in Copy mode, you can specify a new language code. The description of the language code will be updated when you open this record again.
Item description (100,A):	Specify the translation of the item description. This is the text that the system displays when you use the selected language.
Eng/Form (15,A):	Specify your translation of the Engineering Change Number/Form field.
Group Tech (18,A):	Specify your translation of the Group Technology Code description.
Reference (24,A):	Specify your translation of the Reference Number/Description.
Pack description (200,A):	Specify your translation of the Pack Description.
Notes (120,A):	Provide any notes you want to record about the translation record.
Review:	The Review field shows a value of 1 if the field needs to be reviewed for possible translation.

Screen actions - QMS174D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Translate commodity codes/special charge codes

The Commodity Code/Special Charge Code Language Maintenance screen, QMS174D3-01, is used to translate commodity code or special charge code records. You can access this screen with the Create, Revise, Copy, Delete, or Display line action on the selection screen, QMS174D1-01. Use this screen to specify the details of the translation. You can also access this screen with actions Create, Revise, Copy, and Display from the Item Language Override screen, INV118D-01, if you are displaying commodity code or special charge code records. Item records take you to QMS174D2-01.

Field descriptions - QMS174D3-01

Fields	Description
Commodity/Special Charge Code	The system displays the commodity code or special charge code. If you are in copy mode, you can specify a new commodity code or special charge code.
Description	The system displays the description for this commodity code or special charge code. If you changed the code in Copy mode, this description will be updated from the master file when you open this record again.
Language	The system displays the language code and description of the language used for the commodity code or special charge you selected. If you are in Copy mode, you can specify a new language code. The description of the language code will be updated when you open this record again.
Commodity/Special Charge Description (100, A)	Specify the Commodity/Special Charge Description.
Summary Declaration (40,A)	Specify the summary declaration for use on international shipping documents.
Review:	The Review field shows a value of 1 if the field needs to be reviewed for possible translation.

Screen actions - QMS174D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Format text maintenance, QMS176

Use this program to display or revise the default text used for your Certificates of Analysis.

Access: Menu QMS05

Add or select format text

Use this screen to create a new format text record or to select one to maintain.

Field descriptions - QMS176D1-01

Fields	Description
Act (2,0):	Specify the number for the line action to perform and Enter. To use the first line, specify the line action and at least one key field value.
	All line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Format (10,A):	The system displays the format ID. You can use the top field with one of the line actions. To use the Create line action, you must specify an existing format ID because you are creating a text record for an existing format, and you are not creating the actual format.
Type (1,A):	The system displays the type of text format. You can use the top field with one of the line actions. The valid types include:
	1
	Header text (prints on the top of the first page of each certificate; certificates can be single or multi-page).
	2
	Footer text (prints on the bottom of the last page of each certificate).
	3
	Overflow text (prints on the top of the second page and each subsequent page of each certificate).
	4
	Results section (prints for every test result defined in the test master for the certificate: individual results, last results, or an average of results).
	5
	Raw data section (prints after the results section if print raw data is specified in the test master. The first 24 raw data records with numeric variable names

will print. Variable names should be of the form 01 to 24, or 001 to 024 and
so on).

Status: The system displays the format text status.

Screen actions - QMS176D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection
list.

Field descriptions - QMS176D1-01 FILTER

Fields	Description
Filter option (1,0):	Specify how you want to sequence the list on the selection screen.

Screen actions - QMS176D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a format text line

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the selection
screen, QMS176D1-01, and press Enter.

The system displays the first 80 characters of each line of text. Use F16 to view the remaining characters
of each line.

Field descriptions - QMS176D2-01

Fields	Description
Format (10,A):	This field is required if you copy a format. Specify a new format name.
Act (2,0):	Specify the number for the line action to perform and Enter. To use the first line, specify the line action and at least one key field value.
Line actions:	The system displays the list of line actions that are available on this screen.
	13=Add After
	Use to insert text at the selected line.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line (3,0):	You can input a specific line number for the line action you selected. The line detail screen, QMS176D3-01, displays that line and the lines that precede and follow it. The system automatically resequences line numbers after you use the Add After line action to add text.

Screen actions - QMS176D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify line text

To access this screen, use the Revise, Delete, Display, or Add After line action on the line selection screen, QMS176D2-01. Use this screen to modify the format text.

The following display only field appear on the screen. Press F1 in specific input fields to view help text for those fields.

The system displays the format you selected, its type, and the lines of text immediately before and after the line you selected.

Field descriptions - QMS176D3-01

Fields	Description
Current (132,A):	This is the input line on which you can type new information or prompt for format variables. As you specify information, your text wraps to the second line. When you are through, press Enter to process. If you add or delete a line, the system renumbers the remaining lines.

Screen actions - QMS176D3-01

Commands	Description
F4	Use to select a format variable to insert in the text at the current cursor location. The selected variable is preceded by an ampersand (&) character that tells the program to substitute the variable constant in the text when the certificate is run. Be sure to leave enough space after the variable name for the variable value. You can directly type the variable name, with an ampersand, without prompting. If you type the variable in lowercase, the system translates all variable names into uppercase.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Format variables maintenance, QMS178

Use this program to define or review format variables for method datasheets and certificates. Format variables are special fields that enable you to vary the text for each document.

Type an ampersand (&) as the first character of every format variable to distinguish the variable from the surrounding text. For example, the time printed can be format variable &SYSTIME. If you type &SYSTIME in the text, the system prints the time in place of those characters.

Allow enough room for the variable to print. For example, variable &PACKDSC1 is the first line of the packaged item description. When you use this variable, the system overwrites up to 40 characters of text with the description.

You can type format variables in lowercase or mixed case if desired, but the system translates all entries into uppercase.

Access: Menu QMS05

Add or select a text variable

Use this screen to create a new text variable or to select one to maintain.

Field descriptions - QMS178D1-01

Fields	Description
Act (2,0)	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Rename
	Use to assign a new name to an existing format variable.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Variable (8,A):	The system displays the format variable name. You can use the top line with one of the line actions. To use the Create line actions, specify a new variable name and press Enter. To use one of the remaining line items, type an existing variable name and press Enter.
Description (40,A):	The system displays the format variable description. You can use the top line with one of the line actions.
Status	The system displays the variable status.

Screen actions - QMS178D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS178D1-01 FILTER

Fields	Description
Filter option (1,0):	Specify how to sequence the list on the selection screen.
Type or types	Specify a value to limit the list on the selection screen to only those variables of that type.
Description	Specify a full or partial description to include only those variables whose description contains the text you type.

Screen actions - QMS178D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify variable details

To access this screen, use the Create, Revise, Delete, or Display, line action on the selection screen, QMS178D1-01.

Field descriptions - QMS178D2-01

Fields	Description
Variable Name (8,A)	The system displays the *format* variable name.
Description (40,A):	Specify description of the format variable.
Type (1,A):	Specify 1 for lot/sequence variables, 2 for instrument variables, 3 for result variables, or 4 for raw data variables.
	QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled in Infor LX. Otherwise, option 1 is just Lot Number.
Constant (40,A):	The system uses this field for the QASIGN and QADEPT variables. This field contains the name of the responsible person signing the certificates and that person's department. Because the system prints this information on most formats and user-defined certificates and the information can change period-

ically, for example with vacations and personnel movements, defining it as a variable constant allows you to implement the change easily without affecting all certificates.

Internal name (8,A):   Specify the name by which the programs reference the variable. If you change this name, you must also change the programs.

Notes (80,A):   Specify any notes you want to record about this format variable.

Screen actions - QMS178D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Certificate master maintenance, QMS184

Use this program to define or review every format that you use for your certificates of analysis.

Access: Menu QMS05

Add or select a certificate

Use this screen to create a new certificate or to select one to maintain.

Field descriptions - QMS184D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Text
	Use to display the text used for this certificate name.
	12=Load Text
	Use to replace the existing text with the default text for this certificate from the format master.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

Specification (15,A): The system displays the specification associated with this certificate of analysis. You can use the top line with one of the line actions. For example, to create a new certificate, specify 1 in the Act field, specify an existing specification name here, complete the Certificate field, and press Enter. You can create specifications in Specification Master Maintenance, QMS115.

Certificate (10,A): The system displays the certificate of analysis name. You can use the top line with one of the line actions. For example, to create a new certificate, specify 1 in the Act field, complete the Specification field, specify a value here, and press Enter.

Description (40,A): The system displays the certificate of analysis description. You can use the top line with one of the line actions.

Status: The system displays the certificate status.

Screen actions - QMS184D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS184D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the selection screen.

Screen actions - QMS184D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify certificate details

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the selection screen QMS184D2-01.

Field descriptions - QMS184D2-01

Fields	Description
Specification (15,A)	The system displays the specification associated with this certificate of analysis. If you are in copy mode, specify the name of the specification.
Certificate (10,A)	The system displays the certificate of analysis name. If you are in copy mode, type the name of the new certificate.
Description (40,A)	The system displays the certificate of analysis description. If you are in copy mode, specify the new description.
Format (10,A):	Specify the format that you want to assign to the certificate.
Notes (80,A)	Specify any notes you want to include as an added description of the certificate.
Last change on/by:	The system displays the date/time and user ID of the last change to this record.

Screen actions - QMS184D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Certificate text maintenance, QMS186

Use this program to revise or review unique text for Certificates of Analysis. You can use this unique text to replace a certificate's default text that is defined in the Format Master, QMS176.

Access: Menu QMS05

Add or select unique text

Use this screen to create a new unique text record or to select one to maintain.

Field descriptions - QMS186D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Specification (15,A):	The system displays the specification. You can use the top field with a line action.
Certificate (10,A):	The system displays the name of the certificate. You can use the top field with a line action.

Screen actions - QMS186D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS186D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the selection screen.

Screen actions - QMS186D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a text line

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the selection screen, QMS186D1-01. Use this screen to select a line of text for the unique text.

Field descriptions - QMS186D2-01

Fields	Description
Specification (15,A):	The system displays the specification. If you are in copy mode, specify the new specification number.
Certificate (10,A):	The system displays the certificate. If you are in copy mode, specify the new certificate number.

Act (2,0):   Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:

13=Add After

Use to insert a line of text at the selected line.

14=Overflow

Use to add the overflow text from the format master, if any is defined for this certificate, to the selected line.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

Line (3,0):   You can specify a specific line number for any line action to work with that line only. For the Revise line action, screen QMS186D3-01 displays with that line and the lines that precede and follow it. The system automatically resequences line numbers after you use the Add After or Overflow line actions.

Screen actions - QMS186D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify text for a line

To access this screen, use the Revise, Delete, Display, or Add After line action on the selection screen, QMS186D2-01 Use this screen to modify the certificate text.

The system displays the specification, the certificate, and the lines of text immediately before and after the line you selected.

Field descriptions - QMS186D3-01

Fields	Description
Current (132,A):	This is the input line on which you can type new information or prompt for format variables or tests. As you specify information, your text wraps to the second line. When you are through, press Enter to process. If you add or delete a line, the system renumbers the remaining lines.

Screen actions - QMS186D3-01

Commands	Description
F4=Prompt	Use to insert a format variable in the text at the current cursor location. The selected variable is preceded by an ampersand (&) character that tells the program to substitute the variable constant in the text when the certificate is run. Be sure to leave enough space after the variable name for the variable value. You can directly type the variable name, with an ampersand, without prompting. If you type the variable in lowercase, the system translates all variable names into uppercase.
F14=Test Prompt	Use to insert a test variable in the text at the current cursor location. The selected variable is preceded by an ampersand (&) character that tells the program to substitute the variable constant in the text when the certificate is run. Be sure to leave enough space after the variable name for the variable value. You can directly type the variable name, with an ampersand, without prompting. If you type the variable in lowercase, the system translates all variable names into uppercase.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Test language master maintenance, QMS196

Use this program to translate test descriptions and specification descriptions for your certificates and reports. This master file is in your primary language, with translations in as many languages as needed. Each language you specify must be defined in Language Table, SYS105.

You can also use the translation function to change descriptions to other terminology in your own language. The system prints the text that you define in this program on your certificates and internal result report. The report print format includes a language code that enables you to use these translation records and override those in the Item Master file.

Access: Menu QMS05

Action 18=Translate on Test Master Maintenance, QMS125D1-01

Select a specification and test

Use this screen to select a specification and test for which to perform the description translation.

Field descriptions - QMS196D-01

Fields	Description
Specification (15,A):	Specify the specification containing the tests you want to review or maintain.
Test (5,A):	Specify the name of the test you want to review or maintain for translation.

Screen actions - QMS196D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Add or select a language

To access this screen, specify a specification and a test on the selection screen, QMS196D-01, and press Enter. Use this screen to select a language in which you want to translate the test description.

Field descriptions - QMS196D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Language (3,A):	The system requires a value in this field if you create or copy a language code. The system displays all existing language codes.

Description (40,A):   The system displays the description of each language code.

Status: The system displays the status of the language for this test. It can be active, inactive, or review required.

Screen actions - QMS196D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the language selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS196D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the language selection screen.

Screen actions - QMS196D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify test language details

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the selection screen, QMS196D1-01. Use this screen to modify the contents of the test language record. The fields at the top of the screen display the test and specification information from the QTM file; the fields at the bottom of the screen display the same information from the Specification/Test extension file, ZLS.

Field descriptions - QMS196D2-01

Fields	Description
Specification (15,A)	The system displays the specification you selected. If you are in copy mode, type the new specification ID.
Test (5,A):	The system displays the test ID you selected. If you are in copy mode, specify the new test ID.
Language (3,A):	The system displays the name of the language used for the test ID you selected. If you are in copy mode, specify a new language code.
Test description (160,A):	When you create a record, the system displays the test description in the Test Master, QMS125, by default. Specify the translation of the test description.
Specification text (200,A):	When you create a record, the system displays the specification text in the Test Master, QMS125, by default. Enter the translation of the specification.

Screen actions - QMS196D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Enter translated test notes

Use the Test Language Master Maintenance screen, QMS196D2-02, to enter translations of the notes associated with a test.

Field descriptions - QMS196D2-02

Fields	Description
Language (3,A):	The system displays the name of the language used for the test ID you selected. If you are in copy mode, specify a new language code.
Notes (40,A):	When you create a record, the system displays the notes in the Test Master, QMS125, by default. Specify the translation of the notes associated with a test.

Screen actions - QMS196D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Method variables maintenance, QMS198

Use this program to display or revise variables that the system uses to calculate test results. You can assign a source of keyboard entry, an instrument, a database, or calculated to a method variable.

If you define a variable as required, a corresponding test result is required in Result Entry. If you set up a variable to allow multiple entries, the system displays an additional input screen during result entry for additional pages of numeric or alpha result data.

You must assign each variable to a method that is pre-defined in QMS110.

Access: Menu QMS03

Add or select a method variable

Use this screen to create a new method variable or to select one to maintain.

Field descriptions - QMS198D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	13=Renumber
	Use to renumber the performance sequence of all variables within the selected method.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.

Method (15,A):   The system displays the method ID. You can use the top line with one of the line actions. For example, to use the Create line action specify a method ID here, specify a variable, and press Enter.

Variable (8,A):   The system displays the method variable ID. You can use the top line with one of the line actions. For example, to use the Create line action specify a method ID in the Method field, specify a variable ID here, and press Enter.

Description (40,A):   The system displays a description of the method variable's function or purpose. You can use the top line with one of the line actions.

Src (1,0):   The system displays the source of the variable calculations. You can specify a value if you use the Create line action. Valid values include:

1

Input

2

Instrument

3

Database

4

Calculated

Seq (5,0):   The system displays the sequence in which the variable calculation should be done when the method is run during result entry. You can specify a value if you use the Create line action.

Status   The system displays the status of the method variable.

Screen actions - QMS198D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS198D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the selection screen.

Screen actions - QMS198D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify method variable details

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the selection screen, QMS198D1-01.

Field descriptions - QMS198D2-01

Fields	Description
Method (15,A):	The system displays the method you selected. If you are in copy mode, specify the new method name.
Variable name (8,A):	The system displays the variable you selected. If you are in copy mode, specify the new method name.
Description (40,A):	Specify the variable description.
Source (1,0):	Specify the source of the data used in the variable calculation. Choose from the following values:
	1
	Input, keyboard entry
	2
	Instrument, any lab instrument or measuring device
	3

Database, result or raw data extracted by the system from another file; the data must be test, calibration, or standard/reagent

4

Calculated, requires a Table 200 numeric operator

The selection you make here determines which screen the system displays next.

Sequence (5, 0): This is the sequence in which the system performs the variable calculations within this method. Sequences are incremented by 100s. If you revise a sequence on this screen, use F5 when you return to the selection list, QMS198D1-01, to insert the variable in its proper sequence. To renumber the sequence of each variable in a given method, use line action 13 on the selection screen. The system sequences variables with the same sequence, or a blank sequence, by source and variable name.

Decimals (1,A): This is required for source 4, calculated, or if Multiple Values is yes.

Specify the number of decimal places allowed for numeric input variables.

Rounding (1,0): Choose one of the following rounding method for the variable's calculations. The rounding method works with the decimal precision you specify on this screen. Choose from the following values:

1

round up if input is 5 or greater

2

round down if input is 5 or less

3

round up if input is greater than 5, down if less than 5, up if input is 5 and the preceding digit is odd, down if 5 and the preceding digit is even

Required (1,0): Specify yes to require entry of test result data for this variable. The system displays test data input fields, corresponding to each variable used by the method, on the general calculations screen, QMS522, which you can access through line action 11, Enter, during result entry. The default is no

Multiple values (1,0): Specify yes to allow entry of multiple numeric values for this variable. You can access the multiple values screen, QMS564, from the general calculations screen, QMS522, during result entry. The default is no.

Unit of measure (8,A): Specify the unit of measure appropriate for the variable, if applicable.

Upper screening limit (13,6): The system uses this field only with input and instrument sources. Specify a reasonability limit for numeric input. The system does not allow a value greater than this limit in the numeric field in Result Entry. This limit also applies to input fields for multiple values, if you choose that setting on this screen.

Lower screening limit (13,6): The system uses this field only with input and instrument sources. Specify a reasonability limit for numeric input. The system does not allow a value less than this limit in the numeric field in Result Entry. This limit also applies to input fields for multiple values, if you choose that setting on this screen.

Screen actions - QMS198D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify variable information for input or instrument sources

To access this screen, press Enter on the details screen, QMS198D1-01. The system displays this screen only for those variables whose source is input or instrument.

Field descriptions - QMS198D2-02

Fields	Description
Numeric default (13,6):	This is the default numeric input value, which should be the anticipated result value. You can override it at entry time.
Alpha default (40,A):	This is the default alpha input value, which should be the anticipated result value. You can override it at entry time.
Length (3,0):	Specify the field length of the method variable value.
Output to test ID (7,A):	Specify the test ID in which to store the variable value.
Result data type:	This field is required for input variable sources. A result data type modifies the effect of an input method variable. If you specify a result data type, the Raw Data ID below must be blank. Valid data types are: 1 Numeric

The system updates the numeric result field when you run the method during Result Entry.

2 Tabular

The system uses this field only with calculated source to use the lookup values in an empirical table that you select on the following screen.

4 Alpha

The system updates the alpha result field when you run the method during Result Entry.

Raw data ID:

This field is required for input variable sources. Specify the name of the raw data record in which to store the variable value.

If you specify a Raw Data ID, Output to Test ID cannot be blank; and the Result Data Type must be blank.

Instrument type (3,A):

Specify an instrument type. If selected, the system prompts you to choose an instrument of this type when you run the method during Result Entry. The instrument must be calibrated and the person selecting the instrument must be authorized to use it in the Instrument Master, QMS170.

Count increment (5,0):

Specify an increment value appropriate for the instrument source. The system increments the calibration counter of the instrument, specified in the Instrument Type above, by this value when you run the method.

Item number (35,A):

Specify an item number. If selected, the system prompts you to specify the lot or sequence number of this item when you run the method during result entry.

Notes (80,A):

Specify any notes you want to record about this variable.

Screen actions - QMS198D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify additional variable information for instrument sources

To access this screen, press Enter on the input and instrument details screen, QMS198D2-01. The system displays this screen only for variables with an instrument source.

Use this screen to specify optional information for the test method variable.

Field descriptions - QMS198D2-03

Fields	Description
Instrument variable (30,A):	Specify the name of the variable as defined on the instrument.
Parsing data (30,A):	Specify any data that the system can use to interpret the data stream coming from the instrument.
Equation (256,A):	Specify any equation or formula the lab station can use to interpret or process the instrument data stream.

Screen actions - QMS184D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify variable information for database sources

To access this screen, press Enter on the details screen, QMS198D1-01. The system displays this screen only for those variables whose source is database. Use this screen to specify optional database source information.

Database variables must be test, calibration, or standard/reagent.

Field descriptions - QMS198D2-04

Fields	Description
Input from test ID (7,A):	Specify the test ID to retrieve. The system adds the most recent result from the test you specify to use as database variable.
Raw data ID (8,A):	Specify the raw data ID to use as a database variable. If specified, Input from Test ID above cannot be blank.

Other test data (1,0):   Specify 1 to retrieve the specification or control test limits; specify 2 to retrieve the conclusion (passes/fails test); or leave blank to retrieve the numeric result for numeric tests and alpha result for alpha tests.

Input variable (8,A):   The system supports multiple instruments per method. To retrieve data from an instrument or its calibration history, you must first identify the instrument. Then specify the name of a previously defined input variable that has a non-blank Instrument type field.

Database variable (8,A):   Specify the name of the instrument format variable or the ID of a test performed in the calibration of the instrument. If you choose a calibration test ID, the system retrieves its result, limits, or conclusion, depending on the value of the Other Test Data field. The prompt enables selection from the format variables, QMS178.

Input variable (8,A):   To retrieve data from a standard/reagent lot or sequence number or its analysis history, first identify the standard/reagent, then identify the name of a previously defined input variable that has a non-blank item number field.

Database variable (8,A):   Specify the lot format variable or the ID of a test performed in the analysis of the standard/reagent. If you choose a standard/reagent test ID, the system retrieves its result, limits, or conclusion, depending on the value of the Other Test Data field. The prompt enables selection from the format variables, QMS178.

Notes (80,A):   Specify any notes you want to record about the variable.

Screen actions - QMS184D2-04

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify variable information for calculation sources

To access this screen, press Enter on the details screen, QMS198D1-01. The system displays this screen only for those variables whose source is calculation. Use the top part of this screen to define the calculation. The lower half of the screen displays all previously defined variables and calculations of this type.

Field descriptions - QMS198D2-05

Fields	Description
Output to test ID (7,A):	Specify the test ID in which to store the calculated value. All stored calculations display when you run the method during result entry.
Raw data ID (8,A):	This is the name of the raw data record that stores the calculated value. If you specify a raw data ID, the test ID cannot be blank.
Operator (3A):	Specify a valid mathematical operator to use in this variable's calculations. The operator you select determines the number of operands you must select on this screen. Operators such as add or multiply (binary operators) require operand 1 and 2. Operators such as reciprocal or absolute (unary operators) require only operand 1.
Table (10,A):	Specify the empirical table used for table lookup. One-dimensional tables require operand 1. Two-dimensional tables require both operands. See QMS138 for more information.
Operand 1 (13,6):	Specify a method variable, generic variable, or a number. If you selected a unary operator, such as count, standard deviation, or variation, operand 1 must be a generic or multiple-values variable.
	Generic variable names must end with an asterisk (*). They cause an operand to work with all variables whose names start with the characters leading up to, but not including, the asterisk. For example, if you define variables ABCD, ABC1, and AB12, operand ABC* works with ABCD and ABC1, but not with AB12.
	Multiple value variables must have 1 (yes) in their multiple values field.
Operand 2 (13,6):	Specify a method variable or a number. A subtract operator subtracts operand 2 from operand 1. To divide a variable, for example weight, by 2, use DIV for the operator, weight for operand 1,and 2 for operand 2.
Notes (80,A):	Specify any notes you want to record about the variable.

Screen actions - QMS198D2-05

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Disposition report selection, QMS204

Use this program to print dispositions for a specific lot or sequence number, all lots or sequence numbers for an item or range of items, a specific date or on and between certain dates, a specific type of item, or any combination of the above.

Access: Menu QMS07

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS204D-01

Fields	Description
Item From (35,A):	To print only those dispositions that are associated with a range of items, specify the first item in the range.
Item To (35,A):	To print only those dispositions that are associated with a range of items, specify the last item in the range.
Lot From (25,A):	To print only those dispositions that are associated with a range of lots, specify the first lot in the range.
Lot To (25,A):	To print only those dispositions that are associated with a range of lots, specify the last lot in the range.
Sequence From (25,A):	To print only those dispositions that are associated with a range of sequences, specify the first sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.

Sequence To (25,A):	To print only those dispositions that are associated with a range of sequences, specify the last sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Disposition date From (8,0):	To print only those dispositions that are associated with a range of disposition dates, specify the first date in the range.
Disposition date To (8,0):	To print only those dispositions that are associated with a range of disposition dates, specify the last date in the range.
Item type (1,A):	To print only those dispositions that are associated with an item type, specify that type.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS204D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sample status report selection, QMS206

Use this program to print a sample status report.

Access: Menu QMS06

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS206D-01

Fields	Description
Sequence (1,0):	Specify how to sequence the report.
Spare Days Limit (6,0):	The system uses this field for sequence 4 only. Specify the upper spare days limit for the samples.
Date Limit (8,0):	This field is required for sequences 2, 3, and 5. Specify the upper received date, scheduled date or projected date.
Item From (35,A):	To print the report for samples that are associated with a range of items, specify the first item in the range.
Item To (35,A):	To print the report for samples that are associated with a range of items, specify the last item in the range.
Lot From (25,A):	To print the report for samples that are associated with a range of lots, specify the first lot in the range.
Lot To (25,A):	To print the report for samples that are associated with a range of lots, specify the last lot in the range.
Sequence From (25,A):	To print the report for samples that are associated with a range of sequences, specify the first sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Sequence To (25,A):	To print the report for samples that are associated with a range of sequences, specify the last sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Manufacturer From (8,A):	To print the report for samples that are associated with a range of manufacturers, specify the first manufacturer in the range.
Manufacturer To (8,A):	To print the report for samples that are associated with a range of manufacturers, specify the last manufacturer in the range.
Date Received From (8,0):	To print the report for samples that are associated with a range of received dates, specify the first date in the range.
Date Received To (8,0):	To print the report for samples that are associated with a range of received dates, specify the last date in the range.
Item type (1,A):	To print only those samples that are associated with an item type, specify that type here.

Sample type (1,A):   To print only those samples that are associated with an sample type, specify that type here.

Open Status (1,0):   Specify whether to print all samples or only those with an open status. The default is 1. For the Resample Status Report, this refers to the resample status, not the sample disposition status. Value 1 prints samples that await resampling. Value 2 prints all samples that await resampling, as well as those that completed resampling.

Run Time Parameter (1,A):   Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS206D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sampling worklist select, QMS208

Use this program to print samples not yet taken for selected dispositions. These samples consist of records not processed by QMS, although a sample requirement is established.

You can view sampling requirements through QMS555. You can view actual samples taken through QMS500. Any difference between these two files are the records that print on the Sampling Worklist.

Samples that you establish through Sample Master Maintenance, QMS120, with the Sample Record Required field set to no are not created by QMS500. The system displays them in QMS555 as a requirement if the appropriate testing level is defined through the sample relation file.

Access: Menu QMS06

Print the samples

Use this screen to specify which samples to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS208D-01

Fields	Description
Sequence (1,0):	Choose one of the following sequences: 1 By the item number. 2 By the date the lot/QMS sequence number was received (original dispositions) or opened (all other dispositions). 3 By critical difference, which is the difference in working days between the scheduled date and required date for the lot/sequence number. 4 By the required date for the lot/sequence number. 5 By the scheduled date for the lot/sequence number.
Difference Limit (6,0):	The system uses this field for sequence 3 only. Specify the upper critical difference for the lots or sequence numbers.
Date Received (8,0):	This field is required for sequence 4 and 5 only. Specify the upper required date or scheduled date.
Item From (35,A):	To print only those samples that are associated with a range of items, specify the first item in the range..
Item To (35,A):	To print only those samples that are associated with a range of items, specify the last item in the range..
Lot Number From (25,A):	To print only those samples that are associated with a range of lot numbers, specify the first lot number in the range..
Lot Number To (25,A):	To print only those samples that are associated with a range of lot numbers, specify the last lot number in the range..
Sequence From (25,A):	To print the report for samples that are associated with a range of sequences, specify the first sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.

Sequence To (25,A):	To print the report for samples that are associated with a range of sequences, specify the last sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Manufacturer From (8,A):	To print the report for samples that are associated with a range of manufacturers, specify the first manufacturer in the range.
Manufacturer To (8,A):	To print the report for samples that are associated with a range of manufacturers, specify the last manufacturer in the range.
Date received From (8,0):	To print the report for samples that are associated with a range of received dates, specify the first date in the range.
Date received To (8,0):	To print the report for samples that are associated with a range of received dates, specify the last date in the range.
Item type (1,A):	To print only those samples that are associated with an item type, specify that type here.
Sample type (1,A):	To print only those samples that are associated with an sample type, specify that type here.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS208D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Inventory status report, QMS210

Use this program to print lots or sequence numbers with a quantity in a specified inventory status, or at a quantity greater than, less than or equal to a specified value.

Access: Menu QMS07

Specify initial selection criteria

Use this screen to specify status and quantity selection criteria.

Field descriptions - QMS210D-01

Fields	Description
Status (1,A):	Specify one of the following status codes to limit the report to that status:
	W
	Waiting inspection
	H
	Hold
	Q
	Quality hold
	A
	Active
	C
	Conditional pass
	R
	Rejected
	T
	Returned to vendor
	S
	Scrapped
	P
	Used in sample
Comparison Code (1,0):	Specify a value to determine whether to print information that is greater than, less than, or equal to the quantity you specify in the Quantity field.
Quantity (11,3):	Specify the quantity you want to compare against.

Screen actions - QMS210D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Print the report

To access this screen, press Enter on the initial selection criteria screen, QMS210D-01. Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS210D-02

Fields	Description
Item From (35,A):	To print the report for a range of items, specify the first item in the range.
Item To (35,A):	To print the report for a range of items, specify the last item in the range.
Lot From (25,A):	To print the report for a range of lots, specify the first lot in the range.
Lot To (25,A):	To print the report for a range of lots, specify the last lot in the range.
Sequence From (25,A):	To print the report for a range of sequences, specify the first sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Sequence To (25,A):	To print the report for a range of sequences, specify the last sequence in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Manufacturer From (8,A):	To print the report for a range of manufacturers, specify the first manufacturer in the range.
Manufacturer To (8,A):	To print the report for a range of manufacturers, specify the last manufacturer in the range.
Date received From (8,0):	To print the report for a range of received dates, specify the first date in the range.

Date received To (8,0): To print the report for a range of received dates, specify the last date in the range.

Item type (1,A): To print the report for a specific item type, specify that type here.

Run Time Parameter (1,A): Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS210D-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Corporate report, QMS244

Use this program to print standard hours and total batches for selected corporate codes.

Access: Menu QMS07

Print the report

Use the Corporate Report Selection screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS244D-01

Fields	Description
Dates in study From:	To print the report for a range of dates, specify the first date in the range.
Dates in study To (8,0):	To print the report for a range of dates, specify the last date in the range.
Corporate Code From:	To print the report for a range of corporate codes, specify the first code in the range.

Corporate Code To (15,A):	To print the report for a range of corporate codes, specify the last code in the range.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS244-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Lot selection, QMS246

Use this program to print the following reports:

- Brief report

Use this report to print a single line of information for each lot or sequence number selected.

- Detail report

Use this program to print the detail information for each lot or sequence number selected. The system prints comments, dispositions, samples, and test results in addition to the lot or sequence number detail.

- Test exception report

Use this report to print all failed test results for each lot or sequence number that meets the selection criteria.

- Clear for approval report

Use this report to print all lots or sequence numbers that meet the selection criteria and are clear for unconditional approval.

- Inventory status change report

Use this report to print lot or sequence number detail information and all inventory status change transactions for selected lots or sequence numbers.

- Any combination of the above

Access: Various report selection on Menu QMS06 and Menu QMS07

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS246D-01

Fields	Description
Item From (35,A):	To print the report for a range of items, specify the first item in the range.
Item To (35,A):	To print the report for a range of items, specify the last item in the range.
Lot Number From (25,A):	To print the report for a range of lot numbers, specify the first lot number in the range.
Lot Number To (25,A):	To print the report for a range of lot numbers, specify the last lot number in the range.
Sequence From (25,A):	To print the report for a range of sequence numbers, specify the first sequence number in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Sequence To (25,A):	To print the report for a range of sequence numbers, specify the last sequence number in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Manufacturer From (8,A):	To print the report for a range of manufacturers, specify the first manufacturer in the range.
Manufacturer To (8,A):	To print the report for a range of manufacturers, specify the last manufacturer in the range.
Date Received From (8,0):	To print the report for a range of receive dates, specify the first date in the range.
Date Received To (8,0):	To print the report for a range of receive dates, specify the last date in the range.
Item type (1,A):	To limit the report to a specific item type, specify that type here.
Sample type (1,A):	To limit the report to a specific sample type, specify that type here.

Print Test Notes/De-scription (1,0):	Specify the type of notes and test information to print on the Lot Detail Report. Choose from the following options:
	0=Neither
	Do not print test notes or test descriptions.
	1=Test Notes
	Print test notes from the Lot Test Notes file, QT2.
	2=Test Description
	Print the test descriptions from the Lot Test Descriptions file, QT1.
	3=Both
	Print both the test notes and the test descriptions.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS246-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Lot status report selection, QMS252

Use this program to print the status for lots or sequence numbers.

Access: Menu QMS06

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS252D-01

Fields	Description
Sequence (1,0):	Specify one of the following report sequences: 1 By the item number. 2 By the date the lot or sequence number was received (original dispositions) or opened (all other dispositions). 3 By the critical difference, which is the difference, in working days between the scheduled date and the required date for the lot or sequence. 4 By the required date for the lot or sequence. 5 By the scheduled date for the lot or sequence.
Difference (6,0):	The system uses this field for sequence 3 only. Specify the upper critical difference for the lots or sequence numbers.
Date (8,0):	This field is required for sequence 4 and 5 only. Specify the upper required date or scheduled date, which is the difference, in working days between the scheduled date and the required date for the lot or sequence number.
Item From (35,A):	To print the report for a range of items, specify the first item in the range.
Item To (35,A):	To print the report for a range of items, specify the last item in the range.
Lot From (25,A):	To print the report for a range of lots, specify the first lot in the range.
Lot To (25,A):	To print the report for a range of lots, specify the last lot in the range.
Sequence From (25,A):	To print the report for a range of sequence numbers, specify the first sequence number in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Sequence To (25,A):	To print the report for a range of sequence numbers, specify the last sequence number in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.

Manufacturer From: To print the report for a range of manufacturers, specify the first manufacturer in the range.

Manufacturer To (8,A): To print the report for a range of manufacturers, specify the last manufacturer in the range.

Date received From: To print the report for a range of receive dates, specify the first date in the range.

Date received To (8,0): To print the report for a range of receive dates, specify the last date in the range.

Item type (1,A): To limit the report to a specific item type, specify that type here.

Run Time Parameter (1,A): Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS252-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Leadtime analysis selection, QMS264

Use this program to print a leadtime analysis report.

You can generate a report for the following:

- A specific lot or sequence number
- All lots or sequence numbers for an item or range of items
- All lots or sequence numbers for a manufacturer or range of manufacturers
- All lots or sequence numbers received on a specific date or between dates
- A specific type of item
- A specific type of sample
- Any combination of the above

Access: Menu QMS06

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS264D-01

Fields	Description
Option (1,A):	Specify the selection by which you want to sequence the report. Choose from the following values: 1 Item 2 Lot, applies to lot or sequence number 3 Sample.
Item From:	To print the report for a range of items, specify the first item in the range.
Item To (35,A):	To print the report for a range of items, specify the last item in the range.
Lot Number From (25,A):	To print the report for a range of lot numbers, specify the first lot number in the range.
Lot Number To (25,A):	To print the report for a range of lot numbers, specify the last lot number in the range.
Sequence From (25,A):	To print the report for a range of sequence numbers, specify the first sequence number in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Sequence To (25,A):	To print the report for a range of sequence numbers, specify the last sequence number in the range. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Manufacturer From (8,A):	To print the report for a range of manufacturers, specify the first manufacturer in the range.

Manufacturer To (8,A): To print the report for a range of manufacturers, specify the last manufacturer in the range.

Date Received From (8,0): To print the report for a range of receive dates, specify the first date in the range.

Date Received To (8,0): To print the report for a range of receive dates, specify the last date in the range.

Item type (1,A): To limit the report to a specific item type, specify that type here.

Sample type (1,A): To limit the report to a specific sample type, specify that type here.

Run Time Parameter (1,A): Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS264-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Cost center report selection, QMS266

Use this program to print a cost center report.

Access: Menu QMS07

Print the report

Use this screen to specify which information to print.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS266D-01

Fields	Description
Dates in study From (8,0):	To print the report for a range of dates, specify the first date in the range.
Dates in study To (8,0):	To print the report for a range of dates, specify the last date in the range.
Department From (4,0):	To print the report for a range of departments, specify the first department in the range.
Department To (4,0):	To print the report for a range of departments, specify the last department in the range.
Run Time Parameter (1,A):	Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS266D-0

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Edit certificate of analysis, QMS280

Use this program to modify a certificate that has already been generated. The results are not changed and the changes are not preserved when a new lot or sequence number is selected or when the job ends.

Access: Menu QMS07

List certificates

Use this screen to specify criteria that determines which certificates to display in the selection list.

This screen contains range fields that you use to limit the data the system selects. For information on range fields, see the *Ranges* topic in the overview section of this document.

Field descriptions - QMS280D-01

Fields	Description
Item From (35,A):	To select those certificates that are associated with a range of items, specify the first item in the range. The system select all certificates that are associated with an item in this range.
Item To (35,A):	To select those certificates that are associated with a range of items, specify the last item in the range. The system select all certificates that are associated with an item in this range.
Lot Number From (25,A):	This field is required if QMS supports only lot-controlled items. If non-lot-controlled QMS items are supported in your environment, you must make an entry in this field or in the Sequence From field. Specify the first lot number in the range.
Lot Number To (25,A):	This field is required if QMS supports only lot-controlled items. If non-lot-controlled QMS items are supported in your environment, you must make an entry in this field or in the Sequence From field. Specify the last lot number in the range.
Sequence From (25,A):	You must make an entry in this field or in the Lot From field. Specify the first sequence number in the range. The from item number/from sequence number combination must refer to a valid record. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Sequence To (25,A):	You must make an entry in this field or in the Lot From field. Specify the last sequence number in the range . The from item number/from sequence number combination must refer to a valid record. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Ending date (8,0):	You must specify a date here or a disposition number in the Disposition field. Accept the default to print a current certificate or specify a valid date to print or reprint a back-dated certificate.

The system only reads original and retest dispositions with open dates prior to the date you select.

Disposition (3,A):

You must specify a disposition here or a date in the Ending date field.

Type a disposition number to print a certificate for that disposition only. If you select an open disposition, you must be authorized to print open dispositions.

Screen actions - QMS280D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the print parameters

To access this screen, press Enter on the selection screen, QMS280D-01. The system displays the certificate with the print parameters.

The system also displays the item, lot or sequence, and disposition numbers you selected in the screen header for your reference.

If this is a lot-controlled QMS item, the system displays the Lot field. If it is a non-lot-controlled item, the system displays the Sequence field.

The system also displays this screen when you select the certificate line action during a Customer or Lot Candidate Search or during Lot Maintenance.

Field descriptions - QMS280D-02

Fields	Description
Option (1,0):	Specify the option for certificate type:

1

Summary, only print results for tests with summary only specified in the Test Master, QMS125

2

Detailed, print all test results

3 |

Print a user-defined certificate

4

Print an internal certificate or similar document

Output:

Specify the desired output code.

1

Use to submit the report on the assigned printer.

2

Use to display the report for review/editing before printing.

Format (10,A):

The system displays the format assigned to this certificate. You can change it to any valid format set up in the Format Master.

Certificate (10,A):

The certificate number is required only if you specify 3 in the Option field. The certificate must exist in the Certificate Master File for the specification defined on this screen.

Country (3,A):

Specify the optional desired country code, if defined as a format variable in QMS178.

Customer (8,A):

Specify the optional the desired customer code, if defined as a format variable in QMS178.

Specification (15,A)

Specify the number of the specification to use for the certificate. The specification used for the selected disposition displays by default.

Screen actions - QMS280D-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select the certificate of analysis

To access this screen, press Enter on the print parameters screen. The system displays the certificate of analysis for the selected item, lot or sequence number, and disposition.

The header displays the Item and the Lot Number field for lot-controlled items or the Sequence field for non-lot-controlled items.

Field descriptions - QMS280D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	1=Add after
	Use in the first (blank) line to create a new record after you enter the line number.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Line (3,0):	The system displays the line number of the certificate text selected for maintenance or review.

Screen actions - QMS280D-01

Commands	Description
F15=Additional Lots	Use to select lots/dispositions or sequence/dispositions to add to the certificate.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Modify the certificate of analysis

To access this screen, use the Revise, Delete, Display, or Add after line action on the selection screen QMS280D1-01. This is the screen on which you can modify lines of text.

The header displays the Item and the Lot Number field for lot-controlled items or the Sequence field for non-lot-controlled items.

The system displays the lines of text that come immediately before and after the line you selected.

Field descriptions - QMS280D2-01

Fields	Description
Current (132,A):	This is the input line on which you can type new information or prompt for format (F4) or method (F14) variables. As you type information, your text wraps to the second line. If you add or delete a line, the system renumbers the lines when you press Enter.

Screen actions - QMS280D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Add lot/sequence dispositions to the certificate

To access this screen, use F15 on the selection screen, QMS280D1-01. Use this screen to select lots/dispositions or sequence/dispositions to add to the certificate.

Field descriptions - QMS280D3-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Lot/Sequence Number (25,A):	Specify the Lot ID or Sequence Number to add to the certificate.
	The system displays this field as Lot Number if non-lot-controlled QMS items are not enabled in your environment. If non-lot-controlled QMS items are enabled, the system displays the field as Lot Number or Sequence Number, depending on the item.
Disposition (3,0):	Specify the disposition number to add to the certificate.

Screen actions - QMS280D3-01

Commands	Description
F14=Update	Use to update the certificate with the added lot or sequence number/disposition information.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Customer candidate search, QMS300

Use this program to identify the customer specifications a given lot or sequence number satisfies. This enables you to cross reference lot/item or sequence number/item test results with selected customers.

The system displays the sequence number field only if non-lot-controlled QMS items are enabled in your environment.

Access: Menu QMS07

Specify selection criteria

Use this screen to specify criteria to determine which customers the system displays on the selection screen. You do this to narrow the list of customers on the selection screen from which you select one whose certificate you want to view.

Field descriptions - QMS300D-01

Fields	Description
Item (35,A):	Specify the item number in the lot you want to maintain.
Lot Number (25,0)	If non-lot controlled QMS items are not enabled in your environment, this field is required. If non-lot-controlled QMS items are enabled in your environment, this field is required for lot-controlled items only. Specify the lot number you want to maintain.
Sequence (25,0)	You must make an entry in this field for a non-lot-controlled item. Specify the sequence number you want to maintain or inquire about.

Screen actions - QMS300D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a customer

To access this screen, press Enter on the criteria selection screen, QMS300D-01. Use this screen to select a customer whose certificate you want to view.

The system displays the item number and lot number for lot-controlled items, or sequence number for non-lot-controlled items, specified on the initial screen.

The system displays the Status field, which can contain one of the following values:

- Passes

Passes customer specification.

- Waiting verify

Passes customer specification but needs result verification.

- Waiting results

Not all results are reported.

- Fails

Fails at least one test on customer specification.

- Additional tests

At least one additional test is required for this customer. It must be manually added.

- Marginal

Test results give marginal condition.

Field descriptions - QMS300D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.

16=Certificate

Use to view the certificate for the lot using the customer's specifications and certificate format.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of line actions that are available on this screen.
Customer (8,A):	Specify the number of the customer whose certificate you want to position to or view.

Screen actions - QMS300D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Lot candidate search, QMS320

Use this program to search the system for lots that have items with a quantity available or waiting. This enables you to cross reference customer specifications with selected lot/items.

Access: Menu QMS07

Specify selection criteria

Use this screen to specify selection criteria that determines which lots the system displays on the selection screen.

Field descriptions - QMS320D-01

Fields	Description
Customer (8,0)	Specify the customer number whose lots you want to display.
Item (35,A):	Specify the item number whose lots you want to display.

Screen actions - QMS320D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a lot

To access this screen, press Enter from the criteria selection screen, QMS320D-01. The system displays lots of the specified item with a quantity available or waiting.

The system displays the lot status, which can contain one of the following values:

- Passes

Passes customer specification.

- Waiting verify

Passes customer specification but needs result verification.

- Waiting results

Not all results are reported.

- Fails

Fails at least one test on customer specification.

- Additional tests

At least one additional test is required for this customer. It must be manually added.

- Marginal

Test results give marginal condition.

Field descriptions - QMS320D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	16=Certificate
	Use to view, edit, or print the certificate of analysis for the lot or sequence.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of line actions that are available on this screen.
Lot/Sequence Number (25,A):	Specify the number of the lot or sequence for which you want to view the certificate.
	The system displays this field as Lot Number for lot-controlled items and Sequence Number for non-lot-controlled QMS items, if these are enabled in your environment.

Screen actions - QMS320D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sample entry, QMS500

Use this program to manually specify those QMS testing samples that are not triggered by INV, API, or PUR activity in Infor LX. A valid lot must exist in INV130 in order to use this feature.

Access: Menu QMS06

Specify selection criteria

Use this screen to specify information that determines which samples to display.

Field descriptions - QMS500D-01

Fields	Description
Sequence (1,A):	Specify 1 to view all the samples for the lot or sequence number you specify on this screen. Specify 2 to view all open samples in sample ID and turnaround number order.

For sequence 1 only, if the disposition you select below does not exist the system displays screen QMS500D4-01 so you can create the disposition.

If the disposition number you specify is 3-10 (ad hoc sample), the system displays screen QMS500D4-02 so you can assign a specification.

Item (35,A):   This field is required for sequence 1 if the lot does not exist. Specify the item number of the lot for sampling. Disposition numbers 3-10 are reserved for ad hoc sample entry. The item cannot be a valid item if you specify an ad hoc sample.

Lot (25,A):   This field is required for sequence 1 for lot-controlled items. Specify the lot number for sampling. The lot specified cannot be a valid lot if you specify an ad hoc sample.

Sequence (25,A):   This field is required for Sequence Option 1 for non-lot-controlled items. Specify the QMS sequence number for sampling.

The system displays this field only if non-lot-controlled QMS items are supported in your environment.

Disposition (3,0):   This field is required for sequence option 1. Specify the disposition number of the samples you want to maintain. You can leave this field blank to create a new disposition for the sample.

Selection (1,A):   This field is required for sequence option 2: Specify 1 to view all open samples, 2 to view all open samples waiting receipt (Received By is blank), or 3 to view all open samples waiting assignment (Assigned To is blank).

Sample (7,A):   The system uses this field for sequence option 2 only. Specify the ID of the sample you want to maintain. The system displays all samples if you leave this field blank.

Shop Order (9,0):   The system uses this field for sequence 2 only. Specify the shop order number of the item you want to maintain. The system displays all shop order numbers if you leave this field blank.

Screen actions - QMS500D01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a sample

To access this screen, choose sequence 1 on QMS500D01 and press Enter. The system also displays this screen after you specify an ad hoc sample so you can provide the sample detail.

The system displays the item, lot or sequence, specification, disposition, and testing level associated with the sample.

Field descriptions - QMS500D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. **11=Reopen** Use to reopen a closed sample, which is one that has already had a disposition. This clears the disposition status and date fields. **12=Status** Use to view the sample status. **13=Results** Use to view the results of an open sample, which is one that has not yet had a disposition. **14=Receive** Use to receive a sample. This updates the received by user/date/time fields. **15=Verified** Use to verify a sample. This updates the verified field.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

Sample (7,A): Specify the sample ID you want to revise or display.

Sample (3,0): Specify the sample number you want to revise or display.

Screen actions - QMS500D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a sample -- via turnaround sequence

To access this screen, choose sequence 2 on QMS500D01 and press Enter. This screen displays all open samples for all open dispositions. The system sorts the samples by turnaround number within sample ID.

The system displays the item, lot or sequence, disposition, open disposition code, and status of the sample.

Field descriptions - QMS500D1-02

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	11=Reopen
	Use to reopen a closed sample, which is one that has already had a disposition. This clears the disposition status and date fields.
	12=Status
	Use to view the sample status.

13=Results

Use to view the results of an open sample, which is one that has not yet had a disposition.

14=Receive

Use to receive a sample. This updates the received by user/date/time fields.

15=Verified

Use to verify a sample. This updates the verified field.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of line actions that are available on this screen.
Sample (7,A):	Specify the ID of the sample for maintenance or inquiry.
Turn (7,0):	Specify the turnaround number of the sample. The system assigns a unique number to every sample so you can print it on the sample label and, in some cases, you can use it to identify the item-lot-disposition-sample combination.

Screen actions - QMS500D1-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Using the alternate view

To access this screen, use F16 on the selection screen, QMS500D1-02. This screen provides a different view of the selection screen.

The system displays the following fields:

■ Assigned

The sample assigned status is blank if assignment is not required in the sample master. The system displays 1 if the sample was assigned or 0 if assignment is required in the sample master and the assigned to field on QMS500D2-02 is blank.

■ Received

The system displays the date the sample was received. The date the sample was taken displays if the Received by date is blank and logging is not required in the sample master.

- Scheduled

The system displays the date the lot disposition is scheduled to complete.

- FR

The system displays the firm date indicator, 1 for firm date, 0 for default date.

- PR

The system displays the processing complete status, 1 for required results were reported, 0 for results not yet reported.

- EX

The system displays the test result exception status, 1 for exceptions exist, 0 no exceptions exist.

- VR

The system displays the test result verification status, 1 for results verified, 0 for results not verified.

- Re-S

The system displays the resample status, 1 for open resample request, 2 for resample request completed.

- AL

The system displays the alert indicator, 1 for information exists in the first line of the sample remarks, or 0 for no information in the remarks.

Field descriptions - QMS500D1-03

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	11=Reopen
	Use to reopen a closed sample, which is one that has already had a disposition. This clears the disposition status and date fields.
	12=Status
	Use to view the sample status.
	13=Results
	Use to view the results of an open sample, which is one that has not yet had a disposition.

14=Receive

Use to receive a sample. This updates the received by user/date/time fields.

15=Verified

Use to verify a sample. This updates the verified field.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of line actions that are available on this screen.
Sample (7,A):	Specify the ID of the sample for maintenance or inquiry.
Turn (7,0):	Specify the turnaround number for this sample. The system assigns a unique number to every sample so it can be printed on the sample label and used to identify the item, lot, disposition, sample ID, sample number combination.

Screen actions - QMS500D1-03

Commands	Description
F16=View	Use to display the alternate view.
	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify sample details

To access this screen, use the Create, Revise, Delete, or Display line action on the selection screen QMS500D1-01. Use this screen to specify information for the sample.

Field descriptions - QMS500D2-01

Fields	Description
Ending sample number (3,0):	This field only displays if Multiple Add is 1 (yes) in the sample master and you are creating a new record. Specify the ending sample number for the series you want to add. For example, if you specified 3 as the starting sample number on the sample selection screen, QMS500D1-01, and 7 as the ending sample

number here, the system adds samples 3,4,5,6, and 7. The default is the starting sample number.

Sampled by (10,A)   Specify the user ID of the person who took the sample. Your user ID displays by default.

Date (8,0):   Specify the date the sample was taken. The default is today's date.

Time (6,0):   Specify the time the sample was taken.

Sample qty (13,6):   Specify the quantity of the sample for testing, retention, or for stability storage.

Um (8,A):   Specify the unit of measure used for the sample quantity. The default is the unit of measure defined in the sample master.

Containers (6,A):   Specify the number of containers or bags used to deliver the sample to the laboratory or to store the sample.

Location (10,A):   Specify the location where the sample is stored.

Reference (8,A):   Specify any reference you want to assign to the sample or its origin.

Received by (10,A):   Specify the user ID of the person who received the samples. The sample master may specify that this information is required before the system allows an audited sample disposition.

Date (8,0):   Specify the date the samples were received in Quality Assurance. The sample master may specify that this information is required before the system allows an audited sample disposition. Today's date displays by default if you specify a Received By User ID and leave the Received By Date field blank.

Time (6,0):   Specify the time the samples were received in Quality Assurance. The sample master may specify that this information is required before the system allows an audited sample disposition. The current time displays by default if you specify a Received By User ID and leave the Received By Time field blank.

Assigned to (10,A):   Specify the user ID of the person who was assigned to analyze this sample. The sample master may specify that this information is required before the system allows an audited sample disposition. If you complete this field, the system does not print the sample on the Worklist by Sample report. If you leave this field blank, the system prints the constant *AUTO in its place when the sample is printed on the Worklist by Sample report.

Screen actions - QMS500D2-01

Commands	Description
F14=Description	Use to display the sample extended description.

All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document. |

Specify sample remarks

To access this screen, press Enter on the sample details screen, QMS500D2-01. Use this screen to specify remarks for the sample.

Field descriptions - QMS500D2-02

Fields	Description
Remarks (80,A):	Specify remarks you want to make on the sample.
Resample (1,0):	Specify 1 to identify to the system that an additional quantity of sample is required. The system displays the sample on the Resample Status Report. Specify 2 to record that the resampling process is complete. The system displays the sample on the Resample Status Report only if the Open Status value is All.
Verification (1,0):	Specify 1 to indicate that the sample verification process has started. This prevents any changes to the test results and also prevents a disposition to the sample. Specify 2 to indicate that the verification process has completed. The system still prevents changes to test results but it allows sample disposition.
Disposition (3,A):	Specify a disposition code as defined in the Sample Disposition Code Table. If the code selected specifies audit, all required results must have been specified, all results requiring pass must have passed, and all results requiring verification must be verified. The sample master may specify that an audited sample disposition is required before the system allows an audited lot disposition.

Date (8,0):	Specify the disposition date. If you specified a sample disposition and left this field blank, the default is today's date.
Time (6,0):	Specify the time of disposition. If you specified a sample disposition and left this field blank, the default is the current time.

Screen actions - QMS500D2-02

Commands	Description
F14=Description	Use to display the sample extended description.
	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

View the sample status

To access this screen, use the Status line action on the selection screen, QMS500D1-01. Use this screen to view the status of the selected sample.

The system displays the following fields in addition to the standard descriptive fields that define the sample, such as item and specification:

■ Received

The system displays the sample received status. It is blank if receipt is not required in the sample master and the Received by field on QMS500D2-01 is blank. It is 1 if the sample was received or 0 if receipt is required in the sample master and the Received by field on QMS500D2-01 is blank.

■ Assigned

The system displays the sample assigned status. It is blank if assignment is not required in the sample master and the Assigned to field is blank on QMS500D2-01. It is 1 if the sample was assigned, or 0 if assignment is required in the sample master and the Assigned to field on QMS500D2-01 is blank.

■ Verified

The system displays the sample verification code: 1, verification has started; 2, verification is complete; blank, verification is open or not required.

■ Resample

The system displays the resample status: 1, the resample request is open; 2, the resample is completed.

■ Processing

The system displays the sample processing status: 1, if all required results were reported; 0 if not.

■ Exceptions

The system displays the sample exception status: 1, exceptions exist; 0, there are no exceptions. An exception occurs when a result fails and the test master requires a pass.

- Results

The system displays the number of audited results for tests specified by the test relations only.

- Verified

The system displays the result verification status: 1, if result verification is required in the test master and all results requiring verification were verified; or 0 if result verification is required but not all results were verified. It is blank if result verification is not required in the test master.

- Open code

The system displays the open disposition code:1, original; 2, retest; 3, special testing; 4, stability sampling; 5, stability testing.

- Remarks

The system displays the remarks from the sample master, if any.

- Leadtime

The system displays the sample lead time from the sample master.

- Received

The system displays the date the sample was received. If blank and if the sample does not specifying logging, this is the date the sample was taken.

- Scheduled

The system displays the date the lot or sequence number disposition is scheduled to be completed.

- Firm

The system displays 1 if the scheduled date is firm or 0 if it the default date.

- Projected

The system displays the date the sample should be completed, which is the sample lead time plus the received date.

- Spare days

Spare days is the disposition scheduled date minus the sample lead time, projected from today's date. This shows you the number of working days between the projected date and scheduled date. A negative number means that the lot or sequence number disposition is behind schedule.

Screen actions - QMS500D2-03

Commands	Description
Standard screen ac-tions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the extended description

To access this screen, use F14 on the selection screen, QMS500D2-01, or the remarks screen, QMS500D2-02. Use this screen to specify the extended description of the sample.

Field descriptions - QMS500D3-01

Fields	Description
Act (2,A):	Specify the number for the line action you want to perform next to a line and press Enter.
Line (3,0):	The system assigns a number to each line of text.

Screen actions - QMS500D3-01

Commands	Description
Standard screen ac-tions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Create the disposition

The system displays this screen if no disposition exists for the item/lot or sequence number you selected on the selection screen. Use this screen to create the disposition. After you create the disposition on this screen, press Enter to continue to the sample details screen.

Field descriptions - QMS500D4-01

Fields	Description
Item (35,A):	The system displays the item number you selected.
Item Description:	The system displays a description of the item.
Lot Number / Sequence (25,A):	The system displays the lot number for lot-controlled items or the sequence number for non-lot-controlled items for this sample.
Manufacturer (10,A):	The system displays the manufacturer linked with the selected item/lot in the Lot Master, QMS590.
Manufacturer Lot (25,A):	The system displays the manufacturer's lot number linked with the selected item/lot in the Lot Master, QMS590.
Lot qty (13,6):	The system displays the lot quantity for this item/lot taken from the Lot Master, QMS590.
Lot Unit of Measure:	The system displays the unit of measure for this item/lot.
Open Date (8,0):	Specify the date the disposition cycle was started. For original dispositions, the default is the date on the lot or sequence number date receipt record. For all other dispositions, the default is the current date.
Line (4,0):	Specify the order line number for this lot shipment. This field is only available for non-lot-controlled items.
Receipt Type (1,0):	Specify the receipt type for this shipment. Choose from the following values:
	0
	Shop Orders
	1
	Purchase Orders
	2
	Miscellaneous Receipts
	This field is only available for non-lot-controlled items.
Expiry Date (8,0):	This is the expiration date of the lot. The value defaults from the Lot Master record.
Manufactured (8,0):	Specify the date of manufacture for the lot.

Certificate (10,A):   Specify the name of the user-defined certificate.

Containers (5,0):   Specify the number of containers used to deliver the sample to the laboratory or to store the sample.

Type (10,A):   Specify the type of container used for Q/A sample label processing.

Order number (9,0):   Specify the order number of the sample.

Vendor/Cust (8,0):   Specify any vendor/customer number for this sample.

Reference (6,A):   Specify any reference you want to assign to the sample. You can use this field to identify the individual drum or other container from which the sample was taken.

Required date (8,0):   Specify the required receipt date of the sample.

Projected date (8,0):   Specify the date the sample should be completed, assuming work started upon receipt. Add the sample lead time, in working days, to the date received.

Firm date (1,A):   Specify yes if the projected date is firm. Specify no if the projected date is the default scheduled date.

Remarks (80,A):   Specify any remarks you want to record about this sample.

Remarks (80,A):   Specify any remarks you want to record about this sample.

Screen actions - QMS500D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sample entry

The system displays this screen if you specified a special (ad hoc) disposition number of 3-10 on the selection screen. After you create the ad hoc disposition on this screen, press Enter to continue to the sample details screen.

Field descriptions - QMS500D4-02

Fields	Description
Specification (15,A):	Specify the specification number to assign to this sample.
Testing level - minor cycle (1,A):	Specify the testing level used to calibrate the instrument.

Screen actions - QMS500D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Comment entry, QMS510

Use this program to define and store information about specific lots or sequence numbers. You can define comment types and subtypes in Table Maintenance, SYS105, although that is not a requirement for using this feature.

Access: Menu QMS06 or use the Comments line action in Dispositions, QMS550.

Specify selection criteria

Use this screen to specify information that the system uses to select lots or sequence numbers whose comments you want to display.

Field descriptions - QMS510D-01

Fields	Description
Item (lot-controlled) (35,A):	Specify the item number of the lot for comments.
Lot Number (25,A):	Specify the lot number for comments.
Disposition (lot-controlled item) (3,A):	Specify the disposition number of the comments for maintenance or inquiry.

Item (non-lot-controlled) (35,A):   Specify the item of the sequence number for comments.

Sequence Number (25,A):   Specify the sequence number for comments. You use this field for non-lot-controlled QMS items.

Disposition (non-lot-controlled item) (3,A):   Specify the disposition number of the comments for maintenance or inquiry.

Screen actions - QMS510D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a comment

To access this screen, press Enter on the criteria selection screen, QMS510D1-01. Use this screen to create or select a comment for the selected lot or sequence number.

Field descriptions - QMS510D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	14=Detail
	Use to display the comment text in maintenance mode.
	15=Display Detail
	Use to display the comment detail in view-only mode.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.

Number (3,0):   Specify the number of the comment you want to maintain.

Date (8,0):   Specify the date the comment was created.

Screen actions - QMS510D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify comments details

To access this screen, use the Create, Revise, Copy, Delete, or Display line action on the comment selection screen QMS510D1-01. Use this screen to specify or modify a comment.

Field descriptions - QMS510D2-01

Fields	Description
Comment type (3,A):	Specify a code to define the comments that the system displays on your reports or that you use for year-end analysis.
Subtype (3,A):	Specify a code to further define the comments that the system displays on your reports or that you use for year-end analysis. For example, a comment type can be MDR (material discrepancy report) and its subtypes can identify the discrepancy.
Author (10,A):	Specify the appropriate user ID for the author of this comment.
Date (8,0):	If you create a comment, the default value is today's date.
Time (6,0):	This field is optional when you create a comment.
Quantity (11,3):	Specify the quantity (material discrepancies or customer complaints) associated with the comment.
Customer (8,A):	Specify the number of the customer associated with the comment.
Complaint (15,A)	Specify the complaint number associated with the comment.

Screen actions - QMS510D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify extended comments

To access this screen, use the Detail or Display Detail line actions on the selection screen, QMS510D1-01.

Field descriptions - QMS510D3-01

Fields	Description
Extended Comment (60,A per line):	Specify any comments about the disposition.

Screen actions - QMS510D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Result copy, QMS515

Use this program to update or copy test results to selected lot or sequence number records. The update process requires the existing item, lot or sequence number, and disposition numbers. The copy process requires an existing lot or sequence number to add results to and copy results from. The system displays the number of updated results for your reference. After you perform the copy, use the Reopen option on menu QMS07 to create a disposition for the new item.

The following conditions must exist for a successful result update or copy:

- A valid test must be assigned to both the To and From items.
- Neither the To nor the From results can be voided.
- A result cannot exist for the To item.
- A result (numeric, alpha, and/or result code) must exist for From item.

- The To sample must reside in the Sample master.
- The From sample cannot have been selected for verification or have been verified.
- The To test must reside in the Test master.
- If you specify a result code, a corresponding result table must exist in SYS105, and the result code must be defined in that result table.

Access: Menu QMS07

Specify copy or update information

Use this screen to specify information for the copy or update process for test results.

Field descriptions - QMS515D-01

Fields	Description
Option (1,0):	Specify one of the following options:
	1
	Update one specified result.
	2
	Update all alpha results for the sample you select.
	3
	Update all results for the test you select.
	4
	Copy all results for a RD item.
	You identify items for redesignation in INV500, typically when a result does not meet a specification but the item can still be used for another lot or customer, and so on. Dispositions for the copied result records remain in the disposition file, QMS550, even after disposition is complete. You must delete them manually.
Item (35,A):	Specify the item number of the result for maintenance.
Lot Number (25,A):	For lot-controlled items, specify the lot number of the result for maintenance.
Sequence Number (25,A):	For a non-lot controlled item, specify the QMS sequence number of the result for maintenance. The system displays this field only if you enable non-lot-controlled QMS items in your environment.
Disposition (3,0):	Specify the disposition number of the result.

Programs

Sample ID (7,A): This field is required if you specify 1 or 2 in the Options field. Specify the ID of the sample.

Sample Number (3,0): This field is required if you specify 1 or 2 in the Options field. Specify the number of the sample.

Test ID (7,A): This field is required if you specify 1 or 3 in the Options field. Specify the ID of the test.

Test Number (3,0): This field is required if you specify 1 or 3 in the Options field. Specify the number of the test for maintenance or inquiry.

Code (3,A) Specify the appropriate result type code.

You can prompt on this field only if you specify 1 or 3 in the Options field. The test you select must be result type 2 (tabular) and must have a result table defined in the Test Master, QMS125.

Numeric (13,6): Specify the numeric test result, if appropriate.

Alpha (40,A): Specify up to 40 characters to describe the alpha test result.

Tester (10,A): Specify the user ID of the person who performed the test. By default, the system displays your user ID if you specified a result. You can change it to any valid user ID.

Test Date (8,0): Specify the date the test was performed. By default, the system displays the current date if you specify a result.

Test Time (8,0): Specify the time the test was performed. The system displays the current time if you specify a result.

Remarks (80,A): Specify any information you want to record about this result.

Copy From Item (35,A): This field is required if you specify 4 in the Option field. Specify the item number of the results you want to copy.

Copy From Lot Number (25,A): This field is required if you specify 4 in the Option field. For lot-controlled items, specify the lot number of the results you want to copy.

Copy From Sequence Number (25,A): This field is required if you specify 4 in the Option field. For non-lot-controlled items, specify the sequence number of the results you want to copy.

The system displays this field if non-lot-controlled QMS items are enabled in your environment.

Copy From Disposition (3,0):	This field is required if you specify 4 in the Option field. Specify the disposition number of the results you want to copy. The default value is 1.

Screen actions - QMS515D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

General purpose calculations, QMS522

Use this program to specify test data. The system calculates the results of your entries using the method variables linked with the method assigned to the selected test results.

The system displays this screen only for tests with an assigned method. Input is required for every variable that is required in QMS198. Carefully review Method Variables Maintenance to ensure that your calculations run as desired.

Access: Use the Enter line action in Result Entry, QMS545.

Specify general purpose calculation details

Use this screen to specify whether to allow multiple entries for a variable as well as test data to calculate.

Field descriptions - QMS522D1-01

Fields	Description
Mulitple Entries Allowed (1,A):	A single input field in this column indicates that the system allows multiple entries for the variable. Position the cursor on the desired field in this column, type 1, and press Enter to display screen QMS564 where you can specify the multiple values.
Result Entry (40,A):	This field is required if the corresponding variable in column 1 is required in QMS198. You can specify your own test data to calculate using the rules defined in the method variable. Fields in this column contain data if you specify

a numeric or alpha default in the method variable or if data remains from a previous result entry session.

If you specify an instrument type in the method variable, use F4 to select an instrument. If you specify a table in the test master, QMS125, use F4 on the result table to select a result type code. Press Enter after you complete every required field. The system calculates each entry, using the corresponding method variable. You must complete every required field before the system can verify the result, although you do not have to finish all required entries at one time. If you exit this screen before you complete every required field, the system stores the entries without running the calculations, provided you specify a raw data ID in the method variable.

The system does not allow entry for one of these fields if multiple entry is defined for the method variable. In that case, position your cursor on column 2 and press Enter to display the Multiple Entries screen, QMS564D1-01. Your entries are subject to the decimal precision, rounding controls, and upper/lower limits defined in the method variable, QMS198.

Screen actions - QMS522D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display calculation results

To access this screen, press Enter on the General Purpose screen, QMS522D1-01. Use this screen to view the results of every calculation using your entries from the previous screen and their corresponding method variables.

Screen actions - QMS522D1-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Non-testing time entry, QMS524

Use this program to add and maintain an audit trail of time spent on non-testing activities such as education, meetings, and so on. You can use this feature for your resource planning.

Access: Menu QMS06

Specify the work center

Use this screen to specify the work center for which you want to add a non-testing time.

Field descriptions - QMS524D-01

Fields	Description
Work Center (6,0):	Specify the appropriate labor work center *for this non-testing activity.*
User (10,A):	Specify the user ID associated with this non-testing time. You must be authorized to specify and change time for other users. By default, the system displays your user ID.
Date (8,0):	By default, the system displays the current date You can change it to another date for this non-testing time.

Screen actions - QMS524D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify a non-testing activity

To access this screen, press Enter on the work center selection screen, QMS524D-01. Use this screen to specify the activity and the time.

Field descriptions - QMS524D1-01

Fields	Description
Activity (3,A)	Specify the desired activity code.
Time (7,3):	A corresponding time is required for each activity code you specify. Use the 24-hour clock format, for example 13/30/00 for 1:30 p.m.

Screen actions - QMS524D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Automatic approval, QMS540

Use this program to print an audit trail of all lot or sequence number dispositions that are eligible for automatic approval. The system automatically approves the dispositions that meet your selection criteria, provided they meet all of the following conditions:

- The lot or sequence number is eligible for automatic approval, as defined in the Manufacturer/Item master, QMS105.
- The lot or sequence number is verified if the item master specifies verification.
- The lot or sequence number cannot be waiting verification.

- The lot or sequence number is not subject to specification change control.
- You took all required samples.
- You completed sample receipt, assignment and disposition as specified in the sample master for each required.
- There are no open resample requests.
- All sample dispositions were audited.
- You performed all test for all required samples that require results. The system only checks tests that are specified by the test relation records.
- For all required samples, all tests that were performed and that require pass have passed. Only tests specified by the test relation records are checked.
- You have verified all results that require verification. You cannot verify a result with no numeric, alpha or tabular data (blank result). You must void or delete it.

If all conditions are met, the system automatically updates the lot or sequence number status, QA Approval Date, and the Disposition file for each item in INV130.

If you use a test with Result Type 4, you may not be able to use Automatic Approval.

Access: Menu QMS07

Specify selection criteria

Use this screen to specify criteria that the system uses to determine which dispositions to approve.

Field descriptions - QMS540D-01

Fields	Description
Disposition (3,0):	Specify a disposition code to assign to all lots or sequence numbers in automatic approval for this selection.
	The code you specify must be for an audited disposition.
Disposition Date (8,0):	By default, the system displays the current date. You can change the default value to another date to associate it with these dispositions.
Reference (20,A):	Specify any reference information you want to store with the disposition records.
Remarks (80,A):	Specify any remarks you want to store with the disposition records.
Item From (35,A):	To approve disposition based on a range of items, specify the first item in the range. If you leave both item fields blank, the system checks every open lot disposition for automatic approval.

Item To (35,A): To approve disposition based on a range of items, specify the last item in the range. If you leave both item fields blank, the system checks every open lot disposition for automatic approval.

Lot Number From (25,A): To approve disposition based on a range of lot numbers, specify the first lot number in the range. If you leave both lot number fields blank, the system checks every open lot disposition for automatic approval.

Lot Number To (25,A): To approve disposition based on a range of lot numbers, specify the last lot number in the range. If you leave both lot number fields blank, the system checks every open lot disposition for automatic approval.

Sequence From (25,A): To approve disposition based on a range of sequence numbers, specify the first number in the range. If you leave both sequence number fields blank, the system checks every open sequence number disposition for automatic approval.

The system displays this field only if non-lot-controlled QMS items are enabled in your environment.

Sequence To (25,A): To approve disposition based on a range of sequence numbers, specify the last number in the range. If you leave both sequence number fields blank, the system checks every open sequence number disposition for automatic approval.

The system displays this field only if non-lot-controlled QMS items are enabled in your environment.

Manufacturer From (8,A): To approve disposition based on a range of manufacturer numbers, specify the first number in the range. If you leave both manufacturer number fields blank, the system checks every open lot or sequence number disposition for automatic approval.

Manufacturer To (8,A): To approve disposition based on a range of manufacturer numbers, specify the last number in the range. If you leave both manufacturer number fields blank, the system checks every open lot or sequence number disposition for automatic approval.

Date Received From (8,0): To approve disposition based on a range of receipt dates, specify the first date in the range. If you leave both date fields blank, the system checks every open lot or sequence number disposition for automatic approval.

Date Received To (8,0): To approve disposition based on a range of receipt dates, specify the last date in the range. If you leave both date fields blank, the system checks every open lot or sequence number disposition for automatic approval.

Item type (1,A)   Specify an item type to approve only those dispositions that are associated with that type.

Instrument From (15,A): To approve disposition based on a range of instruments, specify the first instrument in the range. If you leave both instrument fields blank, the system checks every open lot disposition for automatic approval.

Instrument To (15,A): To approve disposition based on a range of instruments, specify the last instrument in the range. If you leave both instrument fields blank, the system checks every open lot disposition for automatic approval.

Instrument type (3,A): Specify an instrument type to approve only those dispositions that are associated with that type.

Run Time Parameter (1,A): Specify Interactive to process the data in real time or Batch to process the data in the job queue. If you specify Interactive, your session is unavailable for other tasks until the job completes.

Screen actions - QMS540D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Result entry, QMS545

Use this program to specify or review test results and run any methods called for by the test. All requirements defined for specification, test, method, samples, and so on must be met before a lot or sequence number can pass to ACTV status in INV190. You cannot modify a result record if anyone has verified it. If you must make changes, clear the verification status using Disposition.

Access: Menu QMS06 or use line actions in the Item Master or Dispositions.

Specify selection criteria

Use this screen to specify which test results you want to review or enter.

Field descriptions - QMS545D-01

Fields	Description
Sequence (1,0):	Specify 1 to display results on the selection screen by sample number, 2 to display results by test number, or 3 to display all results for a worksheet. Lot or QMS sequence numbers and disposition numbers are required for sequence options 1 and 2. A work center and worksheet number are required for sequence option 3.
Item (35,A):	Specify the item number of the lot or sequence number for which you want to list the results.
Lot Number (25,A):	This field is required for sequences 1 or 2. Specify the lot number for which you want to list the results.
Sequence (25,A):	This field is required for sequences 1 or 2. Specify the sequence number for which you want to list the results. The system displays this field only if non-lot-controlled QMS items are supported in your environment.
Shop (9,0):	Specify the shop number associated with the lot or sequence number. Informational only; this field is reserved for future enhancements.
Disposition (3,0):	This field is required for sequences 1 and 2. Specify the lot or sequence number disposition number to specify test results associated with a disposition.
Work center (6,0):	This field is required for sequence 3. Specify the work center for the results worksheet.
Worksheet (5,0):	This field is required for sequence 3. Specify the number of the worksheet. The system uses the default number 0 to list all tests at that work center.

Screen actions - QMS545D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a result based on item, lot, or sequence criteria

To access this screen, specify sequence 1 or 2 on the criteria selection screen, QMS545D-01, complete the remaining fields, and press Enter. The system displays all of the samples and tests for the results that match your selection criteria.

Use this screen to specify result information or to select a result for other maintenance processes.

Field descriptions - QMS545D1-01

Fields	Description
Item:	The system displays the item with which you are working.
Item Description:	The system displays a description of the item.
Lot Number/Sequence:	The system displays the lot number or sequence number. The system displays the Lot Number field if the item is lot controlled. The system displays the Sequence field for non-lot-controlled QMS items.
Specification:	The system displays the name of the specification with which you are working.
Disposition:	The system displays the disposition code.
Testing Level:	The system displays the testing level you specified in Manufacturer/Item Maintenance, QMS 105.
Act (2,0):	Specify the number for the line action to perform and press Enter. To use the first line, specify the line action and at least one key field value.
Line actions:	The following line actions are available on this screen: **11=Enter** Use to specify result data or to run a method or program. If the result has no method, the system displays screen QMS545D2-02 for result update.

If the result has a method, the system displays the calculations screen QMS522D-01 for result entry. You must specify the test data for each method variable that is required in QMS198.

If you verified or voided a method-associated test result, the system issues a message and does not run the method. If anyone specified a method-associated test result and you are not authorized to change existing results, the system displays an error message and cancels the method.

12=Alternate Method

Use to switch from the assigned method to a valid alternate method for all result records that use that method.

13=Void

Use to void the test result.

14=Verify

Use to verify the test result. Neither the user identified as tester nor the user who updated the results can verify the same result.

15=Raw Data

Use to view the numeric raw data for each method variable used in calculating the selected test result. Use F11 to display the alternate view where you can identify records with raw data.

16=Method datasheet

Use to view the method datasheet for the selected test result.

17=Trend

Use to view the sample and test trend analysis, QMS570D1-01.

18=Non-result data

Use to modify the non-result fields, QMS545D2-01.

19=Worksheet print

Use to print the Worksheet by Sample report.

20=Worksheet time

Use to specify worksheet time, QMS545D5-01.

25=Review Last Change

Access the Document Signature Selection screen, ESG310D2-01, to view the most recently updated information for a record.

26=Lot Test Notes

Access the Lot Test Note Entry screen, QMS126D2-01, to maintain or display Lot Test Notes, QT2, for a record.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Sample (7,A): The system displays the sample IDs. You can use the top field with a line action. For example, use the Position To line action on the top line, specify the name of a sample, and press Enter. The system repositions the list to your entry.

Sample Number (3,0): The system displays the sample numbers. You can use the top field with a line action. For example, use the Position To line action on the top line, specify a sample number, and press Enter. The system repositions the list to your entry. Multiple sample numbers can display for one sample ID if you specify yes in the Multiple Samples field in the Sample Master, QMS120.

Test (7,A): The system displays the test IDs. You can use the top field with a line action. For example, use the Position To line action on the top line, specify a test ID, and press Enter. The system repositions the list to your entry.

Test Number (3,0): The system displays the test numbers. You can use the top field with a line action. For example, use the Position To line action on the top line, specify a test number, and press Enter. The system repositions the list to your entry.

P (Pass/Fail Code) (1,A): The system displays one of the following pass/fail codes:

0

Fail

1

Pass

2

Marginal pass, within the specification limits but not within the control limits

3

Void

The system displays codes 0 and 2 in a different color to draw your attention to fail or marginal conditions.

V (Verification) (1,A): The system displays one of the following verification statuses:

1

Verified

0

Not verified. the test requires verification but no one has verified the result.

This field is blank if the test master does not require verification. You cannot verify a result that has no numeric, alpha, or tabular result data (a blank result). If the test requires verification, you must void or delete the result.

Result (10,A): For a tabular test, the system displays the result code. For a numeric or potency test, the system displays the result code (if one exists) or the numeric result (if no result code exists).

Test description (35,A): The system displays the first line of the test description.

Screen actions - QMS545D1-01

Commands	Description
F14=Repeat	Use to quickly insert the line action you specify on one line to the next line.
F16=View	Use to display an alternate view for the item. You can use this view to determine of the method has raw data.
	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display the alternate view

To access this screen, use F16 on the results selection screen, QMS545D1-01. Use this screen to view additional information for the list of results.

Field descriptions - QMS545D1-02

Fields	Description
Act (2,0):	Specify the number for the line action to perform and press Enter. To use the first line, specify the line action and at least one key field value.
Line actions:	The system displays the list of line actions that are available on this screen.

11=Enter

Use to specify result data or to run a method or program. If the result has no method, the system displays screen QMS545D2-02 for result update.

If the result has a method, the system displays the calculations screen QMS522D-01 for result entry. You must specify the test data for each method variable that is required in QMS198.

If you verified or voided a method-associated test result, the system issues a message and does not run the method. If anyone specified a method-associated test result and you are not authorized to change existing results, the system displays an error message and cancels the method.

12=Alternate Method

Use to switch from the assigned method to a valid alternate method for all result records that use that method.

13=Void

Use to void the test result.

14=Verify

Use to verify the test result. Neither the user identified as tester nor the user who updated the results can verify the same result.

15=Raw Data

Use to view the numeric raw data for each method variable used in calculating the selected test result. Use F11 to display the alternate view where you can identify records with raw data.

16=Method datasheet

Use to view the method datasheet for the selected test result.

17=Trend

Use to view the sample and test trend analysis, QMS570D1-01.

18=Non-result data

Use to modify the non-result fields, QMS545D2-01.

19=Worksheet print

Use to print the Worksheet by Sample report.

20=Worksheet time

Use to specify worksheet time, QMS545D5-01.

25=Review Last Change

Access the Document Signature Selection screen, ESG310D2-01, to view the most recently updated information for a record.

26=Lot Test Notes

Access the Lot Test Note Entry screen, QMS126D2-01, to maintain or display Lot Test Notes, QT2, for a record.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Sample ID (7,A): The system displays the sample IDs. You can use the top field with a line action. For example, use the Position To line action on the top line, specify the name of a sample, and press Enter. The system repositions the list to your entry.

Sample Number (3,0): The system displays the sample numbers. You can use the top field with a line action. For example, use the Position To line action on the top line, specify a sample number, and press Enter. The system repositions the list to your entry. Multiple sample numbers can display for one sample ID if you specify yes in the Multiple Samples field in the Sample Master, QMS120.

Method (15,A): The system displays the method assigned to the test whose results you are entering. You can use the top field with a line action. For example, use the Position To line action on the top line, specify a method ID, and press Enter. The system repositions the list to your entry.

Rd (1,A): The system displays 1 if raw data exists for this result or 0 if raw data does not exist.

Method description (35,A): The system displays the first line of the method description.

Screen actions - QMS545D1-02

Commands	Description
F14=Repeat	Use to quickly insert the line action you specify on one line to the next line.
F16=View	Use to display an alternate view for the item. You can use this view to determine of the method has raw data.
	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify results information

To access this screen, use the Create, Delete, or Display line action on the selection screen, QMS545D1-01. Sample ID, sample number, test ID, and result number are required when you create a result. You can also access this screen when you use the Enter line action for a test that no associated method. Use this screen to modify all input fields for the result.

If you use the Non-result data line action on the selection screen, action you can modify the tester, date/time, and remarks fields only.

Field descriptions - QMS545D2-01

Fields	Description
Item:	The system displays the item with which you are working.
Item Description:	The system displays a description of the item.
Lot Number/Sequence:	The system displays the lot number or sequence number with which you are working. The system displays the Lot Number field if the item is lot controlled. The Sequence field displays for non-lot-controlled QMS items.
Specification:	The system displays the name of the specification with which you are working.
Disposition:	The system displays the disposition.
Test Level:	The system displays the test level you specified in Item/Manufacturer Maintenance, QMS 105.
Sample:	The system displays the name of the sample.
Sample Number:	The system displays the sample number.

Sample Description: The system displays the name of the sample.

Test: The system displays the name of the test.

Test Number: The system displays the test number.

Test Description: The system displays a description of the test.

Extended Test Descrip- The system displays an extra description of the test.
tion:

Pass (1,A): The system displays the pass/fail code. This code is based on the limits defined in the test master.

0

Fail

1

Pass

2

Marginal pass, within specification limits but not within control limits.

3

Void, result voided by line action 13

Upper spec (13,6): The system displays the upper specification limit defined in the Test Master, QMS125. If the upper and lower specification limits are zero for result type 1, the result must be zero to pass.

Upper control (13,6): The system displays the upper control limit defined in the Test Master, QMS125. If the upper and lower control limits are zero for result type 1, the result must be zero to pass.

Lower control (13,6): The system displays the lower control limit defined in the Test Master, QMS125.

Lower spec (13,6): The system displays the lower specification limit defined in the Test Master, QMS125.

Unit of Measure: The system displays the unit of measure specified in the Test Master.

Precision/Rounding The system displays the decimal precision and rounding method defined in
(1,0/1,0): the Test Master, QMS125.

Precision/Rounding (1,0/1,0): The system displays the decimal precision and rounding method defined in the Test Master, QMS125.

Numeric (13,6): The system displays the numeric default from the method variable,QMS198. You can override the default as needed. This value determines the result for tests of result type 1 (numeric) provided the Code field is blank.

Code (3,A): Specify a code from the result code table in the Test Master screen, QMS125D201. The system uses this code to determine the result for tests of result type 2 (tabular) or determine the result for numeric results if the Numeric field is blank.

Alpha (40,A): The system displays the alpha default from the method variable, QMS198. You can override the default, or add to it, as needed. This information prints as the result on the Certificate of Analysis.

Tester (10,A): If a result is specified, the system displays your user ID displays. You can change it to the user ID of the person who performed the test.

Date (8,0): If a result is specified, the system uses the current date as the default. You can change it to the date the test was performed.

Time (6,0): If a result is specified, the system uses the current time as the default. You can change it to the time the test was performed.

Remarks (80,A): Specify any information you want to record about the result.

Remarks (80,A): Specify any information you want to record about the result.

Screen actions - QMS545D2-01

Commands	Description
F14=Test Description	Access the Lot Test Description screen, QMS126D2-02, to view lot test information from the Lot Test Description file, QT1, for the record.
F15=Method Description	Display the extended description for the method. This function appears in display mode only.
F16=Review Last Change	Access the Document Signature Selection screen, ESG310D2-01, to view the most recently updated information for a record.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify load information for a test

To access this screen, press Enter on the results information screen, QMS545D2-01. Use this screen to specify the load information for the test.

The system displays the lot number or sequence number for the item with which you are working. The system displays the Lot Number field for lot-controlled items or the Sequence field for non-lot-controlled QMS items.

Field descriptions - QMS545D2-02

Fields	Description
Actual time (7,3):	Specify the actual time spent on the test. You can cross reference this time with the Standard Time specified in the Test Master, QMS125.
Work Center (6,0):	Specify the work center to which this work sheet is assigned.
Work Sheet (5,0):	Specify the work sheet number (generated from QMS160) for testing time entry.

Screen actions - QMS545D2-02

Commands	Description
F14=Test Description	Access the Lot Test Description screen, QMS126D2-02, to view lot test information from the Lot Test Description file, QT1, for the record.
F15=Method Description	Display the extended description for the method. This function appears in display mode only.
F16=Review Last Change	Access the Document Signature Selection screen, ESG310D2-01, to view the most recently updated information for a record.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select raw data information

To access this screen, use the Raw data line action on the selection screen, QMS545D1-01.

The system displays the item, lot or sequence, specification, disposition, testing level, sample ID/number and test ID/number of the selected record in the header information.

The system displays the lot number or sequence number for the item with which you are working. The system displays the Lot Number field for lot-controlled items or the Sequence field for non-lot-controlled QMS items.

The system displays the raw data numeric value and the raw data alpha value, defined in the method variable QMS198.

Field descriptions - QMS545D3-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Variable:	The system displays the raw data ID defined in QMS198. You can use this field to position the list. The numeric and alpha values associated with each variable appear in the columns to the right.

Screen actions - QMS545D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a result based on work center criteria

Select Sequence 3=Worksheet on the initial Result Entry screen, QMS545D-01 to access Result Entry QMS545D4-01/02. These screens displays all tests selected for this worksheet. Use F14 to switch between views of the date.

The system displays the following fields apart from the item, lot, sample indicators:

P

The system displays 0 (fail), 1 (pass), 2 (marginal), or 3 (void).

V

The system displays 1 (verified) or 0 (not verified). This field is blank if the test master does not require verification. You cannot verify a result that has no numeric, alpha, or tabular result data (a blank result). If the test requires verification, you must void or delete the result.

Result

For a tabular test, the system displays the result code. For a numeric or potency test, the system displays the result code, if one exists, or the numeric result, if no result code exists.

Disp

The system displays the disposition code for the result.

Analysis

The system displays the analysis number. This is a unique number that the system automatically assigns to every lot or sequence number.

Field descriptions - QMS545D4-01/02

Fields	Description
Act (2,0):	Specify the number for the line action to perform and press Enter. To use the top line, specify the line action and at least one key field value.
Line actions:	The following line actions are available on this screen.

11=Enter

Use to specify result data or to run a method or program. If the result has no method, the system displays screen QMS545D2-02 for result update.

If the result has a method, the system displays the calculations screen QMS522D-01 for result entry. You must specify the test data for each method variable that is required in QMS198.

If you verified or voided a method-associated test result, the system issues a message and does not run the method. If anyone specified a method-associated test result and you are not authorized to change existing results, the system displays an error message and cancels the method.

12=Alternate Method

Use to switch from the assigned method to a valid alternate method for all result records that use that method.

13=Void

Use to void the test result.

14=Verify

Use to verify the test result. Neither the user identified as tester nor the user who updated the results can verify the same result.

15=Raw Data

Use to view the numeric raw data for each method variable used in calculating the selected test result. Use F11 to display the alternate view where you can identify records with raw data.

16=Method datasheet

Use to view the method datasheet for the selected test result.

17=Trend

Use to view the sample and test trend analysis, QMS570D1-01.

18=Non-result data

Use to modify the non-result fields, QMS545D2-01.

19=Worksheet print

Use to print the Worksheet by Sample report.

20=Worksheet time

Use to specify worksheet time, QMS545D5-01.

26=Lot Test Notes

Access the Lot Test Note Entry screen, QMS126D2-01, to maintain or display Lot Test Notes, QT2, for a record.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Method (15,A): The system displays the method ID assigned to this test. You can position the list using this field.

Screen actions - QMS545D4-01/02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify worksheet time information

To access this screen, use the Worksheet time line action on the selection screen, QMS545D1-01.

The system displays the selected work center and worksheet for worksheet time entry, as well as the following fields that help identify this worksheet:

- Level

The system displays the testing level, from the testing relationships, used for the selected result.

- Tests in worksheet

The system displays the number of tests printed on the worksheet.

- Tests with work performed

The system displays the number of tests that have a result or that have actual time specified.

- Standard time

The system displays the total standard time for the tests with work performed.

- Tests with actual time

The system displays the number of tests with actual time specified.

- Total actual time

The system displays the total actual time for the tests with actual time specified.

- Standard time

The system displays the total standard time for the tests with actual time specified.

Field descriptions - QMS545D5-01

Fields	Description
Total worksheet time (10,0):	Specify the total time for all work performed on the worksheet, including the actual time that the system displays on this screen. The system subtracts the actual time from the total worksheet time and distributes the remaining time over the remaining tests with results, based on the standard time in the Test Master. If none of the tests have standard time, the system distributes the

time equally among all remaining tests with results. The time apportioned to each result is accumulated and compared to the time to be apportioned. The system adjusts any difference due to rounding against the last result updated.

Screen actions - QMS545D5-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Print a worksheet

To access this screen, use the Worksheet print line action on the selection screen, QMS545D1-01. Use this screen to print the selected worksheet. The system displays information on this screen that identifies the worksheet.

Field descriptions - QMS545D6-01

Fields	Description
Confirm print request (1,A):	Specify 1 and press Enter to print the worksheet.

Screen actions - QMS545D6-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Disposition, QMS550

Use this program for the following processes:

- To perform a disposition of lots or sequence numbers
- To schedule lots or sequence numbers for resource planning

Access: Disposition Maintenance on Menu QMS07 and Scheduling on QMS06

The name on the screens, Dispositions, does not change regardless of which menu item you select to access this program.

Select a lot or sequence number for processing

Use this screen to select a lot or sequence number for which you want to perform a disposition or schedule.

Field descriptions - QMS550D1-01

Fields	Description
Act (2,0)	Specify the number for the line action to perform and press Enter. To use the first line, specify the line action and at least one key field value.
Line actions:	The system displays the line actions that are available on this screen. The line actions that are available to you depend on whether you are in Disposition or Schedule mode. Choose from the following actions:
	12=Disposition
	When you are in disposition mode, use this action to perform a disposition for the selected lot or sequence number.
	12=Schedule
	When you are in scheduling mode, use this action to modify a disposition for the selected lot or sequence number.
	13=Status
	Use to view the lot or sequence number disposition status.
	14=Required samples
	Use to access sampling requirements, QMS555D1-01, for this lot or sequence number. This shows you all samples that are linked with this specification and whether the sample record is required in the Sample Master, QMS120. Use report QMS208 (Sampling Worklist) to view the distinction between the sampling requirements and the samples that are actually on this disposition.
	15=Quick disposition
	Use to perform a quick disposition for the selected lot or sequence number. This is the same as a normal disposition except the system streamlines the

process by calling the program without editing the lot or sequence number status.

16=Samples

Use to access sample entry for this lot or sequence number. This shows you all samples that are linked with this specification and that have the sample record required in the Sample Master, QMS120. You can add samples from this line action if you find that the required samples (line action 14 to view QMS555) are incorrect or inadequate for this lot or sequence number.

17=Comments

Use to access comment entry for this lot or sequence number.

18=Results

Use to access result entry for this lot or sequence number.

19=Print sampling

Use to print the lot or sequence number sampling requirements.

20=Status change

Use to change the lot or sequence number disposition status.

21=Verify start

Use to start the verification process.

22=Verify complete

Use to complete the verification process.

23=Verify clear

Use to clear the verification status for the selected lot or sequence number and disposition.

30=Lot Release Process

Use to call the Lot Release Processing program, API510D, and run it as a stand-alone process (unconnected to a QMS test). No master file updates occur through this program. It is strictly informational. See the help text for Lot Release Processing, API510D, for additional information on this program.

31=Lot Release Process Single Level

Use to call the Lot Release Processing program, API510D, and run it as a standalone process (unconnected to a QMS test) for the first-level BOM components only. No master file updates occur through this program. It is strictly informational. See the help text for Lot Release Processing, API510D, for additional information on this program.

32=Display History

Use to view disposition history transactions, QMS550D3-01, for the selected item/lot.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Status (3,A):

The system displays the status of the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify a status code, and press Enter to reposition the list to your entry.

Dispositions for lots that you re-designated in INV500 and copied result records from in QMS515 remain in the disposition file, even if disposition is complete. Manually delete these records from the disposition file.

Item (35,A):

The system displays the item number for the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify an item, and press Enter to reposition the list to your entry.

Lot\Sequence Number (25,A):

The system displays the lot/sequence number for the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify a lot/sequence number, and press Enter to reposition the list to your entry.

QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled. Otherwise, the field name is Lot and only Lot records are specified.

Disp (3,0):

The system displays the disposition number for disposition. You can use the top field with a line action.

Opened (8,0):

The system displays the date the lot or sequence number was triggered for QMS activity.

Open Code (OC) (1,0):

The system displays the open code.

1

Original disposition

2

Retest

3

Special testing

4

Stability sampling

5

Stability testing

Verification Status (VR) (1,A):   The system displays the item verification status.

1

Verification has started

2

Verification is complete

Blank

Verification is open

You cannot add, revise, or delete samples, results, or comments if the verification status is 1 or 2.

If verification is required in the IDF Enterprise Item, you cannot perform the disposition until you complete the verification. Verification may also be required for the samples and test results.

Scheduled (8,0):   The system displays the date the lot or sequence number is scheduled for completion.

Firm Date (FR) (1,A):   The system displays 1 (yes) if the scheduled date is firm or 0 (no) if the scheduled date is the default date.

Screen actions - QMS550D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display disposition information

To access this screen, use one of the following actions on the disposition selection screen, QMS550D1-01:

- In disposition mode, use the Display line action.
- In disposition inquiry mode, use the Display line action.
- In scheduling mode, use the Scheduling line action.
- In reopen mode (QMS550D4-01), use the Delete, Display, Retest, Maintenance, Special, or Original line actions.

In addition to the fields that identify the disposition, the system displays the quantity available for disposition in the Available field.

Field descriptions - QMS550D2-01

Fields	Description
Required date (8,0):	Specify the date the disposition is required by materials management.
Scheduled date (8,0):	Specify the date the disposition is scheduled for completion. For original dispositions, the system calculates this date by adding the item lead-time established in the IDF Enterprise Item, to the day a transaction occurs against this lot or sequence number.
	For all other dispositions this date defaults to the date opened.
Firm (1,A):	Specify yes if the scheduled date is firm or no if the date is the default date. The default is no.
Cost Center (15,A):	Specify the appropriate cost center. The item's cost center from the Item Master displays by default for all dispositions.
Specification (15,A):	Specify the appropriate specification for this disposition. For original, retest, and special dispositions, the specification from the manufacturer/item master, QMS105, displays by default. If LMS is installed and this is a stability disposition, the stability specification in the manufacturer/item record is the default.

If you change the specification number in this program, the system resets the disposition verification status, the verification status and dispositions of all samples, and all result pass/fail codes to blank.

Testing level (1,A):   Specify the testing level appropriate for this disposition. For original and retest dispositions, the default is the retest testing level in the manufacturer/item, QMS105. For special testing, the default is blank. The system does not display testing levels for stability dispositions.

Open date (8,0):   Specify the date the disposition cycle was started. For original dispositions, the default is the date on the lot or sequence number date receipt record. For all other dispositions, the default is the current date.

Open time (6,0):   Specify the time of the disposition. The system displays the disposition code in the Open Code field.

Screen actions - QMS550D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display disposition or work with scheduling

To access this screen, press Enter from the initial disposition information screen, QMS550D2-01. Use this screen to view a disposition or work with a scheduling record.

The system displays fields that define the disposition you are working with, such as Item and Lot/Sequence. In addition, the system displays the following fields:

■   Retest date

The system displays the date the item/lot is scheduled for retest.

■   Available

The system displays the quantity available for disposition.

■   Disposition By/On

The system displays the user ID of the person who performed the disposition and the date and time of the disposition.

■   Verification By/On

displays the user ID of the person who verified the disposition, as well as the date and time of the verification.

- Analysis number

The system displays the analysis number. The system automatically assigns an analysis number to each lot or sequence number.

- Reference

The system displays the reference number from the disposition.

Screen actions - QMS550D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Perform a disposition

To access this screen:

- Use the Disposition, Status, or Quick Disposition line action from the selection screen, QMS550D1-01, in disposition mode.
- Use the Status line action on the selection screen, QMS550D1-01, in schedule mode.

Use this screen to perform a disposition or to review status information.

As a QMS user, you can create a test for lot release processing using a special result type 4 for that test. When placed on a specification for an item, that test initiates Lot Release Processing when you disposition the lot.

Lot Release Processing traces backward through an item/lot's production chain to make sure all components that were used to make the item/lot are approved for release. When the Lot Release Process finishes, based upon your next action, the system can write the result to the QMS Results file (QRE) and the Dispositions file (QDP). After the lot release process has completed, you are able to continue through normal Infor LX QMS processing, run the process again, or return to the previous screens. However, you can also run this Lot Release Process as a standalone process.

To do this, use the Lot Release Process line action on the initial Disposition screen, QMS550D1-01. This calls the API program Lot Release Processing, the same program non-QMS users call from the API menu. All screens involved are API screens and the results are informational only and appear in API screens. See the help text for Lot Release Processing, API510D, for additional information on this program.

If you run the process via a QMS test, the system displays pass results as a message in the Lot Release Process Exception Results, API510D-02, screen, while it displays the specific failed lot results on the

Lot Release Process Exception Results, API510D-02, screen. When the lot release check completes, you will receive a message that indicates that all lots in the production chain for this item passed the check. You may also receive the message: No Receipt or Issue Transactions Found for all component items. This indicates that the system found no transactions in the ITH or YTH transaction history files to run the check against.

If the Lot Released Processing finds exceptions, the system displays the specific item and lot combinations that failed. The system displays these combinations on an API screen, Lot Release Process Exception Results, API510D-02. You can print your results, cancel, clear the QAL file, back out of the program, exit to clear the file and exit the program, or accept and continue to update the QRE and QDP records, clear the QAL file, and continue with QMS processing. In the latter case, the system registers the result as a failed test for this specification, to be dealt with in the normal manner for QMS.

Field descriptions - QMS550D2-03

Fields	Description
Item (35,A):	The system displays the item number you selected for scheduling or disposition.
Item Description:	The system displays a description of the item.
Lot/Sequence (25,A):	The system displays the lot or sequence number you selected for disposition. QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled in Infor LX. Otherwise, the field name is just Lot and only Lot records are specified.
Specification (15,A):	The system displays the specification you selected for scheduling or disposition.
Disposition (3,0):	The system displays the number of the disposition you selected for scheduling or disposition.
Level (1,A):	The system displays the specification's testing level defined in the Test Master, QMS125.
Processing (1,0):	The system displays the sample processing status. 1 indicates that all required results were reported. The system performs the following edits to confirm this processing status:

- Verifies the relation records and required samples, based on the specification number and testing level.
- Verifies that you specified the required number of samples of each sample ID.

- Verifies that you logged, assigned, and gave a disposition to each required sample was, if you specified those requirements in the Sample master.
- Verifies that no open resample request exists.
- Verifies that that every required result was reported.

Leadtime (3,0): The system displays the item lead time, defined in the IDF Enterprise Item.

Exceptions (1,0): The system displays 0 if there are no exceptions or 1 if there are exceptions. An exception can be a sample with a disposition that is not audited, or a failed result for a test whose test master requires a pass.

Open date (8,0): The system displays the date the disposition cycle was started. For original dispositions, the default is the date on the lot or sequence number receipt record. For all other dispositions, the default is the current date. The system displays the open time if you specified it on QMS550D2-01.

Comments (1,0): The system displays 1 if comments exist for the disposition. You define comments in QMS510.

Required (8,0): The system displays the date the disposition is required by materials management.

Samples (5,0): The system displays the number of samples that you have defined in sample relations, QMS120D3-01, or defined as stability samples, QMS120D2-02, in the sample master.

Scheduled (8,0): This is the date the disposition is scheduled for completion. The system calculates this date by adding the item lead-time established in the IDF Enterprise Item, to the day a transaction occurs against this lot or sequence number for original dispositions.

The date opened displays by default for all other dispositions.

Results (5,0): The system displays only the number of results for required samples for which you defined tests in the test relations, QMS125D4-01.

Firm (1,A): The system displays 1 if the scheduled date is a firm planned date or 0 if it is the default date.

Verified (1,0): This field is blank if all results that require verification, specified in the Test Master, QMS125, were verified or if results do not require verification. Otherwise, the system displays 0.

Difference (5,0):   The system displays the number of working days between the scheduled date and the required date. If the scheduled date is in the past, the difference is the number of working days between today's date and the required date.

Open code (1,0):   The system displays the open code.

Remarks (80,A):   The system displays the remarks from the lot or sequence number record, if any.

Remarks (80,A):   The system displays the remarks from the lot or sequence number record, if any.

Disposition (3,A):   Specify the appropriate disposition code. If the disposition code specifies a required audit, you already processed the lot or sequence number and the lot or sequence number can have no exceptions.

Date (8,0)   Specify the date of the disposition.

     If you leave this field blank, the system applies the current date.

Time (6,0):   Specify the time of the disposition.

     If you leave this field blank, the system applies the current time.

Reference (20,A):   Specify any user-defined disposition reference number.

Remarks (80):   Specify any remarks you want to record about this disposition.

Remarks (80):   Specify any remarks you want to record about this disposition.

Screen actions - QMS550D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Change a disposition status

To access this screen, use the Status Change line action on the selection screen, QMS550D1-01, in disposition mode.

Field descriptions - QMS550D2-04

Fields	Description
Status (3,0):	Specify the disposition status code and press Enter.

Screen actions - QMS550D2-04

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display disposition history

To access this screen, use the Display History line action on the selection screen, QMS550D1-01, in disposition mode. Use this screen to view the disposition verification history.

The system display fields that identify the disposition with which you are working. In addition, the system displays the following fields:

- Act Cde

The system displays the line action used for the disposition record.

11=Retest

12=Disposition or scheduling

16=Samples

17=Comments

18=Results

19=Print sampling

21=Verify start

22=Verify complete

23=Verify clear

- Date. The system displays the date of the line action shown on this line.

- Menu. The system displays the QMS menu option used to access the line action shown on this line.

- P. The system displays the Approve Inventory code.

■ A. The system displays the Audited Disposition code.

Screen actions - QMS550D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Reopen a disposition

To access this screen, select the Reopen option on menu QMS07. The system displays open dispositions by item/lot or sequence number, which is the default filter option view.

Use this screen to reopen a disposition for retesting or following an item re-designation.

The system displays the following fields:

■ Opened

The system displays the date the lot was opened in QMS.

■ OC

The system displays the open disposition code.

1

Original

2

Retest

3

Special testing

4

Stability sampling

5

Stability testing.

■ VR

The system displays the test result verification status.

■ Scheduled

The system displays the date the lot or sequence number is scheduled for testing.

- FR

The system displays 1 if the scheduled date is firm or 0 if the scheduled date is the default date.

Field descriptions - QMS550D4-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	11=Retest
	Use to add a retest disposition
	12=Maintenance
	Use to reopen the selected disposition for maintenance
	16=Special
	Use to add a special disposition.
	17=Original
	Use to add an original disposition.
	18=Stability sampling
	Use to add a stability sampling (or storage) disposition.
	19=Stability testing
	Use to add a stability testing disposition.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Sta (3,A):	The system displays the status of the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify a status code, and press Enter to reposition the list to your entry.
Item (35,A):	The system displays the item number for the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify an item, and press Enter to reposition the list to your entry.

Lot/Sequence Number (25,A):

The system displays the lot/sequence number for the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify a lot/sequence number, and press Enter to reposition the list to your entry.

QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled. Otherwise, the field name is Lot and only Lot records are specified.

Disp (3,0):

The system displays the disposition number for disposition. You can use the top field with a line action.

Screen actions - QMS550D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display all dispositions by item/lot or sequence number

To access this screen, use F13 on the selection screen, QMS550D4-02, specify filter option 1, and press Enter.

Field descriptions - QMS550D4-02

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Retest
	Use to add a retest disposition
	12=Maintenance
	Use to reopen the selected disposition for maintenance
	16=Special
	Use to add a special disposition.

17=Original

use to add an original disposition.

18=Stability sampling

Use to add a stability sampling (or storage) disposition.

19=Stability testing

Use to add a stability testing disposition.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of line actions that are available on this screen.
Dsp (3,0):	This field is required if adding a disposition. The system displays the disposition number for disposition. You can use the top field with a line action.
Item (35,A):	The system displays the item number for the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify an item, and press Enter to reposition the list to your entry.
Lot/Sequence Number (25,A):	The system displays the lot/sequence number for the disposition. You can use the top field with a line action. For example, use the Position To line actions, specify a lot/sequence number, and press Enter to reposition the list to your entry.
	QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled. Otherwise, the field name is Lot and only Lot records are specified.

Screen actions - QMS550D4-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display all dispositions by analysis number

To access this screen, use F13 on the selection screen, QMS550D4-02, specify filter option 1, and press Enter.

Field descriptions - QMS550D4-03

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	12=Maintenance
	Use to work with a disposition record.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Analysis (7,0):	The system displays the analysis number.
	You can use a line action and specify the analysis number of the record that contains the results of the lot or sequence number you want to process. The system assigns an analysis number to every lot or sequence number.

Screen actions - QMS550D4-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

Specify how you want to sequence the list on the selection screen.

Field descriptions - QMS550D4 FILTER

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the selection screen.

QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled in Infor LX.

Item Number (35,A): To list only those dispositions associated with a specific item, specify that item.

Lot Number (25,A): To list only those dispositions associated with a specific lot number, specify that number.

Sequence Number (10,A): To list only those dispositions associated with a specific sequence number, specify that number.

Screen actions - QMS550D4 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Sampling requirements, QMS555

Use this program to display the required samples for lots or sequence numbers triggered for QA activity by INV500, PUR550, CIM600, or JIT500 Transactions.

Sampling requirements are based on the testing levels you define in the Manufacturer/Item Master, QMS105, and relations you define in the Sample Master, QMS120, and Test Master, QMS125.

You can print sample labels, stability sample labels, and bar coded labels in this program.

Use Sample Entry, QMS500, to view the actual samples for a disposition. If you discover any discrepancy between the required and actual samples, add the necessary samples in QMS500.

Access: Menu QMS06

Specify selection criteria

Use this screen to specify the item/lot or sequence numbers for which you want to display the required samples.

Field descriptions - QMS555D-01

Fields	Description
Item (lot-controlled) (35,A):	Specify the item number to revise or review. An item number is required if you select a calibrated disposition, which is one with an instrument sampling requirement defined in QMS170.
Lot (25,A):	Specify the lot number. The system displays *CAL next to each calibrated disposition item.
Disposition (lot-controlled item) (3,0):	Specify the disposition number.
Item (non-lot-controlled) (35,A):	Use this field for non-lot controlled items. Specify the item number to revise or review. An item number is required if you select a calibrated disposition, which is one with an instrument sampling requirement defined in QMS170.
Sequence Number (25,A):	Specify the sequence number to revise or review. The system displays *CAL next to each calibrated disposition item. The system uses this field for non-lot-controlled QMS items.
Disposition (non-lot-controlled item) (3,A):	This field is required if you specify a sequence number. Specify the disposition number.

Screen actions - QMS555D-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Select a sampling requirement

To access this screen, press Enter on the selection criteria screen, QMS555D-01. This screen displays all required samples for the disposition.

The system displays the following columns:

- Nbr

The system displays the number of samples to be taken, as defined in the Sample Master, QMS120.

- Sampler

The system displays the user ID of the sampler.

Field descriptions - QMS555D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Labels
	Use to print standard labels for the required samples.
	12=Stability Sets
	Use to print stability labels for the required samples.
	13=Bar Code
	Use to print bar coded labels for the required samples.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Sample (7,A):	The system displays the sample ID. To use the top field, specify a line action and specify a sample ID here.

Screen actions - QMS555D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify primary sampling requirement information

To access this screen, use the Revise or Display line action for a primary sample, which are those defined with sampling level 1 in the Sample Master, on the selection screen QMS555D1-01.

Field descriptions - QMS555D2-01

Fields	Description
Sampler (10,A):	Specify the user ID of the sampler. The default is your user ID.
Sampled date:	Specify the sampling date. The default is the current date.
Sampled time:	Specify the sampling time. The default is the current time.

Screen actions - QMS555D2-01

Commands	Description
Standard screen ac-tions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify composite sampling requirement information

To access this screen, use the Revise or Display line action for a composite sample, which are those defined with sampling level 2 in the Sample Master, on the selection screen QMS555D1-01.

Field descriptions - QMS555D2-02

Fields	Description
Sampler (10,A):	Specify the user ID of the sampler. The default is your own user ID.
Sampled date:	Specify the sampling date. The default is the current date.
Sampled time:	Specify the sampling time. The default is the current time.

Screen actions - QMS555D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify aliquot sampling requirement information

To access this screen, use the Revise or Display line action for an aliquot sample, which are those defined with sampling level 3 in the Sample Master, on the selection screen QMS555D1-01.

Field descriptions - QMS555D2-03

Fields	Description
Sampler (10,A):	Specify the ID of the sampler. The default is your user ID.
Sampled date:	Specify the sampling date. The default is the current date.
Sampled time:	Specify the sampling time. The default is the current time.

Screen actions - QMS555D2-03

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify the number of labels or sets to print

To access this screen, use the Labels, Stability Set, or Bar Code line action on the selection screen QMS555D1-01.

Field descriptions - QMS555D3-01

Fields	Description
Number of labels or sets to print (3,0):	For normal labels, specify the number of labels to print.
	For stability label sets, specify the number of sets to print. A set consists of one label for each sample interval. For example, if the sample is tested at 1, 2, 3, 6, 9, and 12 month intervals, the system prints a set of six labels, each label with its own pull date. Select one set for each required sample.
	For bar code labels, specify the number of labels to print for each sample record.

Screen actions - QMS555D3-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Multiple values entry, QMS564

Use this program to specify multiple numeric or alpha values to support result data. You access this screen from the calculations program called during Result Entry.

To specify multiple values, the result you select must have a method or alternate method whose method variable allows multiple value entry. See Method Variables Maintenance, QMS198, for details.

The system displays the Lot Number field for lot-controlled items and the Sequence field for non-lot controlled items.

Access: Use the Enter line action on the Results Entry selection screen, QMS545D4-02, for a result with a method or alternate method whose method variable allows multiple entries.

Specify numeric or alpha result values

Use this screen to specify numeric or alpha result data for a method.

Field descriptions - QMS564D1-01

Fields	Description
Numeric (13,6):	Specify the numeric result data for this method variable. Use the scroll key to display additional entry fields if needed.
Alpha (40,A):	Specify the alpha result data for this method variable. Use the scroll key to display additional entry fields if needed.

Screen actions - QMS564D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specification change control, QMS565

Use this program to change a specification for open lots or sequence numbers. You can view all open dispositions by specification number.

Access: Menu QMS07

Select a specification

Use this screen to select a specification to change.

Field descriptions - QMS565D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	11=Start
	Use to indicate that the lot or sequence number has a specification change control in process. You cannot provide a disposition.

12=Complete

Use to indicate that the lot or sequence number has a completed specification change control. You can perform a disposition with the new specification.

13 Clear

Use to clear the control status for this lot or sequence number.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions:	The system displays the list of line actions that are available on this screen.
Specification (15,A):	The system displays the specification ID. You can use the top field with the Position To line action to reposition the list.
TI (1,A):	The system displays the testing level assigned to the specification.
Item (35,A):	The system displays the item number. You can use the top field with the Position To line action to reposition the list.
Lot/Sequence Number (25,A):	The system displays the lot or sequence number of the specification. You can use the top field with the Position To line action to reposition the list.
	QMS sequence numbers are only relevant if non-lot-controlled QMS items are enabled. In this case, the field displays as Lot/Sequence. Otherwise, the field name is Lot and only Lot records are listed.
Disp (3,0):	The system displays the disposition number of the specification. You can use the top field with the Position To line action to reposition the list.
Opened (8,0):	The system displays the date the disposition was opened.
Oc (1,0):	The system displays the open code of the disposition.
Vr (1,0):	The system displays the disposition's verification status.
Cc (1,0):	The system displays the specification change control status.

Screen actions - QMS565D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Change the specification

To access this screen, use the Revise line action of the selection screen, QMS565D1-01.

Use this screen to specify the revised specification and test level you want to associate with the item-lot/sequence disposition. For lot-controlled items, the system displays the Lot field. For non-lot-controlled items, the system displays the Sequence field.

After you press Enter, the system performs the following tasks:

- Inactivates any samples not required by the new specification test level.
- Clears the test result field for any remaining samples, but leaves the test results intact. you must manually confirm prior test results and obtain a new pass/fail result.
- Generates any samples required by the new specification/test level that were not required by the old specification/test level.

Field descriptions - QMS565D2-01

Fields	Description
Specification (15,A):	Specify the specification number you want to use for this disposition.
	If you change the specification number in this program, the system resets to blank the verification status of the disposition, the verification status and the dispositions of all samples, and all result pass/fail codes.
Testing Level (1,A):	Specify the testing level that you want to use for this disposition.

Screen actions - QMS565D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Trend analysis, QMS570

Use this program to view the lot history for a selected test result.

Access: Use the Trend line action on the Result Update selection screens, QMS545D1-01 and QMS545D4-01.

View the trend analysis data

The system displays several fields that identify the test result, such as Item, Lot, Test, Sample, and Upper/Lower Controls.

The system displays Lot for lot-controlled items and Sequence for non-lot-controlled items. All fields are display-only.

Screen actions - QMS570D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

View method datasheet, QMS572

Use this program to view or modify a method datasheet for a selected test result.

Access: Use the Method Datasheet line action on the Result Update selection screens, QMS545D1-01 and QMS545D4-01.

Select a method datasheet

Use this screen to select a method datasheet to view or modify.

Field descriptions - QMS572D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Line:	The system assigns a number to each line of text.
Text:	The system displays each line of text.

Screen actions - QMS572D1-01

Commands	Description
F16=View	Use to display the alternate view where you can identify records with raw data.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Lot maintenance or lot status change, QMS590

The name of the screens in this program depend on whether you accessed the program through the Lot Maintenance or Lot Status Change menu option.

Use this program to maintain lots and non-lot inventory identified by QMS sequence numbers that require quality testing and approval, status changes, and/or inventory location transfers. The system applies your changes to lot availability in INV130D.

When non-lot controlled QMS items are enabled in your environment, this screen displays Lot records from the Lot Master file, ILN, and QMS Sequence records from the QMS Sequence file, QSN.

Access: Lot Maintenance, Inventory Status Maintenance, or Inventory Status Inquiry menu options

Select an item

Use this screen to select an item whose associated lot you want to maintain.

Field descriptions - QMS590D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter. The actions that are available depend on which menu option you use to access this program.
	Choose from the following actions when you are in maintenance mode:
	11=Quantities
	Use to view the quantities in each location, QMS590D3-01.
	12=Disposition
	Use to revise dispositions for the selected item/lot or sequence number, QMS550D4-01.
	17=Samples
	Use to specify samples required for disposition 1, QMS500D1-01.
	18=Results
	Use to specify results for disposition 1, QMS545D1-01.
	19=Certificate
	Use to maintain certificate text for the selected item/lot or sequence number, QMS186D1-01.
	20=Candidates
	Use to search for lot candidate(s) for the selected item/lot, QMS320D-01.
	Choose from the following actions when you are in inquiry mode:
	11=Quantities
	Use to view the quantities in each location, QMS590D3-01.

12=Disposition

Use to view the dispositions for the selected item/lot or sequence number, QMS550D4-01.

15=Transactions

Use to view the lot transaction history, QMS590D5-01.

Choose from the following actions when you are in inventory status change mode:

11=Quantities

Use to view the quantities in each location, QMS590D3-01.

12=Disposition

Use to maintain dispositions for the selected item/lot, QMS550D4-01.

13=Inventory Transfer

Use to transfer inventory at the lot/location levels, QMS590D5-01.

14=Status Change

Use to change the lot or sequence number status of the selected record, QMS590D5-01.

15=Transactions

Use to specify lot transactions, QMS590D5-01.

16=Reject Disposal

Use to change or view the reject disposal record for a lot or sequence number, QMS590D6-01.

All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.

Line actions: The system displays the list of line actions that are available on this screen.

Item (35,A):   Use this field with a line to action. For example, to reposition the list to a particular item, use the Position To line actions, specify the item here, and press Enter.

Lot/Sequence Number (25,A):

Use this field with a line to action. For example, to reposition the list to a particular lot/sequence number, use the Position To line actions, specify the lot/sequence number here, and press Enter.

If non-lot controlled QMS items are not enabled in your environment, the field name is Lot.

Manufacturer (8,A):

The system displays the number of the manufacturer of the lot or sequence number inventory.

Received Date (8,0):

The system displays the date the lot or sequence number was last received in QMS. The receipt in QMS is triggered by INV, API, or PUR activity.

Status (6,A):

The system displays the short description from the IST file of the lot status in the Location Inventory record, ILI.

In your priming database, the QMS disposition codes are associated with the Inventory lot statuses listed below. You can reassign the associations in Inventory Lot Status, API150D, if you want.

Disposition Code	Lot Status Code	Explanation
0		
1	A (ACTIVE)	Lot is active
2	C (CONDPS)	Conditional pass
3	H (HOLD)	Lot is on hold
4	Q (QHOLD)	Lot is on quality hold
5	R (REJECT)	Lot has been rejected
6	V (ARCH)	Archived
7	Z (DELETD)	Lot is deleted or contains a completed lot order
8	E (EXPIRD)	Lot has expired

Screen actions - QMS590D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS590D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how to sequence the list on the selection screen.
	Lot numbers are used for lot-controlled QMS items, and QMS sequence numbers are used for non-lot-controlled QMS items.

Screen actions - QMS590D1-01 Filter window

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify lot or lot status change information

To access this screen, use the Revise or Display line action on the selection screen QMS590D1-01. Use this screen to specify information for the lot you selected.

Field descriptions - QMS590D2-01

Fields	Description
Item (35,A):	The system displays the item and item description selected.
Description:	The system displays a description of the item.
Extra Item Description:	The system displays an extra description of the item.
Lot/Sequence (25,A):	The system displays the lot number or sequence number selected.
	If the item is lot controlled, the system displays the lot number. If the item is a non-lot-controlled QMS item, the system displays the QMS sequence number.
Sequence Status (2,A):	Specify the status of the inventory tracked by this sequence number. This field is only input-capable for non-lot-controlled items.
	The status is normally controlled through other QMS programs, but you can change it here as a last resort. You cannot change it to Active if inventory, ILI, exists for this sequence number. You must first revise the individual locations in Inventory Status Change, QMS590B1.
Prior Sequence Status:	This field displays the previous sequence number status for this sequence number record.
Manufacturer (8,A):	Specify the manufacturer for this sequence number record. For lot-controlled items, this field is display only.
Manufacturer Lot (25,A):	Specify the manufacturer's lot reference for this sequence number record. For lot-controlled items, this field is display only.
Line (4,0):	Specify the order line number for this lot shipment. This field is only available for non-lot-controlled items.
Receipt Type (1,0):	Specify the receipt type for this shipment. Choose from the following values:
	0
	Shop Orders
	1
	Purchase Orders
	2
	Miscellaneous Receipts

This field is only available for non-lot-controlled items.

Quantity Received (11,3): Specify the quantity of inventory received for this sequence number record. This field is only input capable for non-lot-controlled items.

<DWM units> Received (13,4): For DWM items, specify the equivalent to the quantity received in the DWM dual unit of measure. This field is only input-capable for non-lot-controlled items. This field is a user-defined variable set up in the system parameters. It can be something such as Weight or another variable you define.

Lot/Sequence Quantity (11,3 / 2,A): The system displays the lot quantity or the sequence quantity, depending on whether the item is lot controlled or not.

Unit of Measure: The system displays the unit of measure of this item.

Containers (3,0): Specify the number of containers in the lot or sequence number.

Type (1,A): Specify the type code assigned to the lot or sequence number containers.

Date received (8,0): Specify the date the lot or sequence number inventory was last received in QMS, which is triggered by INV, API, or PUR activity. The field is input-capable for non-lot items only.

Expiry date (8,0): Lot-controlled item only. Specify the date beyond which the lot is unusable.

Manufactured (8,0): Specify the date the lot was manufactured.

Retest date (8,0): Specify the date the lot is scheduled for retesting.

QA Received Date (8,0): Specify the date inventory tracked by the sequence number was received into QA. The field is input capable for non-lot-controlled items only.

QA Approval Date (8,0): Specify the date inventory tracked by the sequence number was approved in QA. The field is input-capable for non-lot-controlled items only.

Last Transaction Date (8,0): The system displays the date of the last transaction against this sequence number. The field applies to non-lot-controlled items only.

Archive Code: The system displays the archive code for this record. This field applies to non-lot-controlled items only. This code indicates that the sequence number record is archived.

Vendor Lot (25,A): Specify the vendor's lot reference for the inventory tracked by this sequence number. The system uses this field to preserve the vendor's lot number when, for example, the manufacturer does not use lot control. The field applies to QMS non-lot-controlled items only.

Order Number	Specify the order number for this lot shipment.
Vendor	Specify the Vendor ID for this lot shipment.
Remarks (80,A):	The remarks from the lot master display by default. You can add to or change these remarks as needed.
Remarks (80,A):	By default, the system displays the remarks from the lot master. You can add to or change these remarks as needed.

Screen actions - QMS590D2-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify additional lot or lot status change information

To access this screen, press Enter on the lot or lot status change information screen, QMS590D2-01. Use this screen to specify additional information for the lot.

Field descriptions - QMS590D2-02

Fields	Description
Item:	The system displays the item.
Item Description:	The system displays a description of the item.
Lot/Sequence:	The system displays the lot number or the sequence number, depending on whether the item is lot controlled.
Extra Item Description:	The system displays an extended description of the item.
Certificate (10,A):	The system displays the Certificate of Analysis number.
Reference (6,A):	The system displays the reference number assigned to the lot, if any.
Automatic Approval (1,A):	Specify Y if the lot or sequence number is eligible for automatic approval. Otherwise, specify N. You assign automatic approval in the Manufacturer/Item Master, QMS105. Use the Automatic Approval menu option to run the lots or

sequence numbers currently eligible for automatic approval and to print the associated audit trail.

Received by (10,A):   Specify the user who performed the disposition.

Receipt Number (15,A): Specify the receipt number for this lot or sequence number.

Carrier (8,0):   Specify the carrier code for this lot or sequence number.

Required date (8,0):   The system displays the date the lot or sequence number is required by materials management. The system sets this date automatically.

Scheduled date (8,0):   The system displays the date the lot is scheduled for availability. The system uses this field for all job scheduling.

Firm (1,A):   The system displays Y if the scheduled date is firm planned or N if the scheduled date is the default projected date.

Screen actions - QMS590D2-02

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

View lot inventory locations

To access this screen, use the Quantities line action on the selection screen, QMS590D1-01. Use this screen to display a list of lot inventory locations.

The system displays the Lot field for lot-controlled items and the Sequence field for non-lot controlled items.

Field descriptions - QMS590D3-01

Fields	Description
Item:	The system displays the item.
Item Description:	The system displays a description of the item.
Lot/Sequence:	The system displays the lot or sequence number with which you are working.

Extra Item Description: The system displays an extended description of the item.

On Hand Quantity: The system displays the amount on hand. The system calculates the on-hand quantity as:

(opening balance) - (issues) + (receipts) + or - (adjustments)

Unit of Measure: The system displays the unit of measure for this item.

Retest Date: The system displays the date for the retest of this lot. You specify this date on the Lot Maintenance screen, QMS590D2-01. This field is blank for non-lot-controlled items.

Expiration Date: The system displays the date this lot expires. You specify this date on the Lot Maintenance screen, QMS590D2-01. This field is blank for non-lot-controlled items.

Act (2,0): Specify the number for the line action you want to perform next to a line and press Enter.

The Revise line action is available only if you are in revise mode for inventory status change and you use the Inventory Transfer or Status Change line action.

Line actions (2,0): The system displays the list of line actions that are available on this screen.

Whs (3,A) The system displays the warehouse associated with the location. You can use the top field to position the list.

Location (10,A): The system displays the lot location. You can use the top field to position the list.

Container (10,A): The system displays this field for container items only. If not a container item, the status displays to the right of the on-hand quantity. The current container ID for the item/lot displays. You can use the top field to position the list.

Container (10,A): The system displays this field for container items only. If not a container item, the status displays to the right of the on-hand quantity. The current container ID for the item/lot displays. You can use the top field to position the list.

On-hand Quantity (11,3): The system displays the lot quantity on hand at this location:

(Adjustments-Issues + Receipts + Open Balance/Lot Potency)

Status (6,A): The system displays this field for non-container controlled items only. If this is a container item, the current container ID displays to the left of the on-hand

quantity. The system displays the lot status of the Location Inventory record, ILI.

Screen actions - QMS590D3-01

Commands	Description
F10=Sequence/Blank Sequence Switch	Use to toggle between the display of QMS non-lot controlled items with a blank value in the Lot field of the Location Inventory or Container Master file and those with a value that matches the displayed header sequence number. This function is not available for lot-controlled QMS items.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify details for lots with containers

To access this screen, use the Revise line action on the selection screen QMS590D1-01.

This action is available only for the Inventory Transfer and Status Change line actions when you are in revise mode for inventory status change.

The header of this screen displays the Lot field for a lot-controlled item or the Sequence field for non-lot-controlled items.

Field descriptions - QMS590D4-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Whs (3,A):	Use the top field to with a line action.
Location (10,A):	Use the top field to with a line action.

Container (10,A): The system displays this field for container items only. If not a container item, the status displays to the right of the on-hand quantity. The system displays the lot container number. You can modify this number as needed.

Quantity (11,3): The system displays the current lot quantity on hand at the specified location. If you selected inventory transfer, specify the quantity for the new location.

The system calculates the on-hand quantity calculation as:

(Opening Balance/Potency) - Issues + Receipts + or - Adjustments

Status (6,A): The system displays the current lot/location status short description. Specify a code to define the new location status. This can differ from the lot status. The value you specify must be a valid record in the Inventory Lot Status, IST, file. The system updates the location status field in the Location Inventory file, ILI, with the value you enter. The system also displays the code on the Inventory Status Report, QMS210.

The system displays the lot status of the Location Inventory record, ILI.

The QMS disposition codes are associated with the Inventory statuses listed below in your priming database. You can reassign the associations in Inventory Lot Status, API150D, if you want.

Disposition Code	Lot Status Code	Explanation
0		
1	A (ACTIVE)	Lot is active
2	C (CONDPS)	Conditional pass
3	H (HOLD)	Lot is on hold
4	Q (QHOLD)	Lot is on quality hold
5	R (REJECT)	Lot has been rejected
6	V (ARCH)	Archived
7	Z (DELETD)	Lot is deleted or contains a completed lot order
8	E (EXPIRD)	Lot has expired

Reason Code (1,A): The system displays the reason code from INV140. You can specify another reason code to show the reason for the inventory transfer or status change.

Screen actions - QMS590D4-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Display inventory transactions

To access this screen, use the Transactions line action on the Inventory Status Change selection screen, QMS590D1-01. This screen displays the Lot field for a lot-controlled item or the Sequence field for non-lot-controlled items.

Below are some of the display-only fields that the system displays on this screen.

- From

The system displays the status code the record is changed from.

- To

The system displays the status code to which the record is changed.

- Quantity

The system displays the transaction quantity.

- Trn. Date

The system displays the transaction effective date.

- User

The system displays the User ID of the person who specified the transaction.

- Type

The system displays the type of transaction: 1 for Inventory status change and 2 for Reject disposal.

- Code

The system displays the inventory usage code or reject disposal code, depending on the transaction type.

Screen actions - QMS590D5-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Lot maintenance/inquiry/ inventory status change

To access this screen, use the Reject Disposal line action on the Inventory Status Change selection screen, QMS590D1-01. Use this screen to allow the transfer of waiting disposal inventory. The system automatically updates the waiting disposal quantity when you change an item to reject status. You manually update the waiting disposal quantity when a transaction moves a quantity from reject status.

This screen displays the Lot field for a lot-controlled item or the Sequence field for non-lot-controlled items.

Below are some of the display-only fields that the system displays.

- On-Hand Quantity

The system displays the lot or sequence number quantity.

- UoM

The system displays the lot or sequence number unit of measure.

- Rejected

The system displays the quantity in locations for the lot in rejected status.

- Available

The system displays the quantity in locations for the lot in available status.

- Waiting disposal

The system displays the Waiting Disposal quantity of the lot or sequence number from the Lot file.

Field descriptions - QMS590D6-01

Fields	Description
Reject disposal code (3,A):	Specify the code that is appropriate for this item's method of disposal.
Option (1,0):	Specify 1 for normal disposal transactions or 2 to reverse the effect of a previous transaction. The default is 1.

Quantity (11,3):   Specify the quantity disposed. This quantity cannot exceed the quantity waiting reject disposal.

Reference (20,A):   Specify any reference information about the reject disposal transaction.

Effective date (8.0):   By default, the system displays the current date. You can change this transaction date.

Screen actions - QMS590D6-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Verify triggered QA activities, QMS595

Use this program to select lots or sequence numbers for QA testing that were triggered from a transaction in one of the following programs:

- INV500D, Inventory Transactions
- PUR550D, Purchase Receipts
- JIT500, Material Backflush

Each trigger point reads the Item Master to determine if the item is quality controlled, which is indicated by a yes value in the Trigger QA Activities field.

In INV500D and PUR550D, you specify the manufacturer of the item and lot or sequence number received, the manufacturer's lot number, the manufactured date, and the number of (QA) containers received. The system reads the Item Master and Lot Master if you do not specify the information yourself. JIT500B uses the values from the Item and Lot Masters because that product does not have online entry.

The system reviews the following information before the triggering activity:

- The manufacturer information to determine which specification to apply.
- The manufacturer's lot information to determine if subsequent shipments are received against the same manufacturer's lot.
- The manufactured date for stability, if LMS is installed.
- The number of containers, in conjunction with the sampling rules, to determine the number of samples required for the lot or sequence number.

Below is information on the steps the system takes when it conducts quality transaction processing. In INV500 and PUR550, the processing is as follows:

Below is the hierarchy the system uses to obtain the manufacturer if the item is quality controlled and the transaction is set to trigger QA activity:

- The manufacturer specified on the screen.
- The manufacturer found on the lot master.
- The default manufacturer on the item master.

The system displays an error if these steps yield an invalid manufacturer or one that is not properly linked with the item in QMS105.

Below is the hierarchy the system uses to obtain the manufacturer's lot number.

- The manufacturer's lot number specified on screen.
- The manufacturer's lot number on the lot master.

Below is the hierarchy the system uses to obtain the manufactured date.

- The manufactured date specified on screen.
- The manufactured date on the lot master.

Below is the hierarchy the system uses to obtain the number of containers.

- The number of containers specified on the screen.
- Divide the transaction quantity by the default quantity per container found on the item master.

If the item is container-controlled and you do not specify the number of QA on the first screen, the system uses the number of containers you specified on the container entry screen. The system displays an error message if the above steps do not yield a number of containers that is greater than zero.

In JIT500B, QA activity triggering occurs when a PR or JIT production receipt transaction is processed.

Below is the hierarchy the system uses to obtain the manufactured date when the item is quality controlled and the PR transaction is set to trigger QA activity.

- The manufacturer on the lot master.
- The default manufacturer on the item master.

The system prints an error code on the JIT500O report if these steps do not yield a valid manufacturer or it yields one that is not correctly linked with the item in QMS105.

When the item is quality controlled and the PR transaction is set to trigger QA activity, the system uses the manufacturer's lot number and the manufactured date on the lot master. To obtain the number of containers, the system divides the transaction quantity by the default quantity per container found on the item master.

In all cases, the system notifies you that the lot or sequence number is now in quality hold or quarantine status, Lot status Q. In INV500 and PUR550, the system displays this message on the screen. For JIT500B, the system prints this message on the JIT500O report.

The system writes a record to the QTR file for every QA triggering attempt. You can modify or view these records.

Access: Menu QMS06

Select a lot or sequence number for QA testing

Use this screen to select a lot or sequence number for QA testing.

Field descriptions - QMS595D1-01

Fields	Description
Act (2,0):	Specify the number for the line action you want to perform next to a line and press Enter.
	11=Select
	Use to select a record. You select a line that has a blank status to update the status to V (verified) and to set up samples and dispositions.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.
Lot/Sequence Number (25,A):	The system displays the lot and sequence numbers to trigger verification display. You can also use the top field with a line action.
	The field name displays as Lot/Sequence Number if non-lot-controlled QMS items are supported in your environment. Otherwise, the system displays the field as Lot.
Item Number (35,A):	The system displays the item numbers for trigger verification display. You can use the top field with a line action.
Manufacturer (8,A):	The system displays the manufacturer numbers for trigger verification. You can use the top field with a line action. The item/manufacturer defines which specification to use for QMS testing.
Received (8,0):	The system displays the dates of each QA trigger activity. You can use the top field with a line action.
Quantity (11,3):	The system displays the calculated number of containers from the default quantity/container in the Item Master. You can revise the lot or sequence number quantity in Lot Maintenance, QMS590.
Status (1,A):	The system displays the QA trigger record status:
	Blank

Open

M

Manually triggered

D

Deleted

V

Verified

A

Auto-verified

A numeric code represents one of the following errors:

1

Invalid/missing data on trigger.

2

Manufacturer/Item not specified in QMS.

3

Lot or Sequence Number in Quality Hold status.

4

Subsequent shipment but no manufacturer's lot specified.

5

Manufactured, Expired, and/or Expiry dates are zero.

6

Test level is blank.

7

Lot or Sequence Number quantity is less than zero.

Screen actions - QMS595D1-01

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Specify filter options

To access this screen, use F13 on the selection screen. Use this screen to sequence or sort the selection list.

Field descriptions - QMS595D1-01 FILTER

Fields	Description
Filter options (1,0):	Specify how you want to sequence the list on the selection screen.
	The Lot reference in the options above represents lot numbers for lot-controlled QMS items and sequence numbers for non-lot-controlled QMS items.

Screen actions - QMS595D1-01 FILTER

Commands	Description
Standard screen actions	All screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

QMS sequence list, WINQSND

Use this program to view active selections from the QMS Sequence file for review or selection. The system displays this program when you, for example, use F4 on a field. The system displays the selections by Sequence Number and then by Item Number or the reverse.

Access: Throughout QMS

Select the information

Use this screen to review or select from the list of selections for the field you want to complete.

Field descriptions - WINQSND-01

Fields	Description
Act (2,A):	Specify the number for the line action you want to perform next to a line and press Enter. Choose from the following actions:
	1=Select
	Use to return the selection to the field from which you called this screen.
	All other line actions on this screen perform standard Infor LX functions. See *Generic help text for line actions (p. 21)* in the overview information in this document.
Line actions:	The system displays the list of line actions that are available on this screen.

Screen actions - QMS100D1-01

Commands	Description
F13=Sequence	Use to toggle between the view by item number/sequence number and sequence number/item number.
	All other screen actions on this screen perform standard Infor LX functions. See *Generic help text for screen actions (p. 22)* in the overview information in this document.

Appendix A
Glossary

Ranges

Ranges refer to fields you can use to limit an inquiry or report or to display specific data. If there are multiple range fields in a program, you can tailor your inquiry or report to produce only the data you need.

Infor LX sorts the information alphanumerically. Therefore, the value in the From field must be a lower alphanumeric value than the value in the To field.

Infor LX usually inserts extreme values as defaults in the lower and upper fields. See the description for Extreme values by default. The entries you make in range fields do not have to be valid values in a database file.

Review the following suggestions to limit the information:

Specify the first value to include on the inquiry or report in the From field. Leave the To field blank to include all information to the end of the file. For example, you can print a report that starts with the customer number you specify in the From field and stops at the end of the Customer Master file.

Specify the last value to include on the inquiry or report in the To field. Leave the From field blank to start at the beginning of the file. For example, you can perform an inquiry that starts with the beginning of the Customer Master file and ends with the customer number you specify in the *To* field.

Specify the same value in both the *From* and *To* fields. For example, you can limit a display to one customer.

To include a group of items, specify a value in the *From* field and another value in the *To* field. For example, you can perform an inquiry that starts with the first of the month and ends with the last day of the month.

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