



### New QC Module

A new Quality Control module is being developed. It will have the ability to store an essentially unlimited number of QC fields, with a current limit of up to 20 different fields per item. Items will be assigned a QC Type, and that QC Type will define the different fields to prompt for, the possible contents of the fields, and the default contents. A panel will be developed for data entry into those fields with the use of touch screens/tablet PCs in mind.

- A new file and maintenance/inquiry panel will be created to store the QC data separate, but linked to, the lot file. A system generated serial number will be used as the link between the QC data record and the lot record (stored in both files). An optional, user entered code, as well as a system generated sequence number will allow for multiple QC records per lot. All the possible QC fields will be present in the file, with only the ones required for the particular QC type populated. This should facilitate ease of use with ODBC. All fields except for text entry fields will use drop boxes to limit the possible answers, defaulting to the first in the list or the defined default answer if applicable.
- A new field will be added to the item master file to store the QC Type for that item. If this field is not populated with a valid type, the software will use the default QC Type for that item.
- A new file and maintenance panel will be developed for defining the behavior of each QC type. It will have the ability to assign up to 20 fields which must be prompted for from the available fields in the QC data file, as well as the acceptable entries and default entry for that field.
- A new file and maintenance panel will be developed for storing information about the available QC fields, as well as making a lookup query possible for the QC Type definition. There will be a record in the file for each of the available fields in the QC Data file, identified by a sequence number that indicates the fields position in the QC Data file. The fields in this file will include the actual field name in the QC Data file, the description to use when prompting for entry, and a short description for reporting needs where the regular description is too long. This file will initially be setup by the consultant, with maintenance ability to change the descriptions given if necessary, NOT to add new fields. A consultant should be able to add a new available field in less than ½ hour.
- A new parameter will be created to control the QC screen that is displayed. If it is set to the new QC module, the existing QC panel will automatically switch to the new QC panel. This will decrease the time needed to install the new module as menus and <F12> queries will not have to be changed to display the new panel. Both the existing QC panel and the new QC panel will have buttons to switch to the other panel.