

Application Modifications and Enhancements

HiCAMS Version 4.5 & DOH Vendor Version 2.6 were released Saturday, 2/10/2001.

HiCAMS Version 4.5

SAMPLING - General

- The Review Sample Details menu item has been changed to default to the Find functionality. To enter a new Sample, use the Enter Sample Details menu item. [SQA 12249]
- In the Staff Selection window, the user is now able to hit <enter> and retrieve the Staff List (mimics clicking on the Retrieve button). The next instance of <enter> selects the specific Staff member. The same occurs for the Material Selection window. [SQA 12242]

SAMPLING - Enter Sample Details

- Generic Concrete Mix designs are no longer available for selection on Sample Details. Concrete is not to be used on a project unless it has a mix design approved and activated by Owen Cordle. [SQA 12326]
- The English - Metric filter for Concrete Mix Design searches has been eliminated. English mixes will be displayed for Metric materials and may be chosen. [SQA 12439]
- The sort order on the Facility/Plant ID field of the Producer/Supplier search window. has been changed to '1, 2, 3, 11, 202..' instead of ' 1, 11, 2, 202, 3..' [SQA 12203]
- It is now possible to filter the list of Material Types by Contract Number. When the Search By filter "Contract" is selected and a Contract Number entered, the user is then able to select by Material Types and/or Line Item on the Contract. This is similar to the filters available on the Review Material Receipts and Review Tickets Windows. (This was applied to Production before 4.5 Release.) [SQA 6194]
- It is now possible to use Wild Card Searches when selecting an Approved Producer/Supplier from the Producer/Supplier window. (Wild Card Searches start and end with an asterisk(*). Typing *concrete* and retrieving will find all the Approved Producer/Suppliers with Concrete in their name. [SQA 12054]
- On the Cont/Loc tab, the decimal point has been removed from the Station From and Station To fields. Numbers to the right of the decimal can no longer be entered. Also , the field "Alignment" has been relabeled "Location" to be consistent with the Contract Tracking and Test Formats modules. [SQA 9232 &12450]
- When creating a new sample for a material which requires a Producer/Supplier and Concrete Mix Design, selecting a Producer will filter to display active Concrete Mix Designs for that Approved Producer/Supplier. [SQA 12404]
- The System will now check to see if the person entered in the Sampled By field has the correct certifications to sample the material. Any sample where a non

certified person is selected as 'Sampled By' will require a comment that will be saved in the History under the "Override Certification " action code. [SQA 12377]

- Fields which are always required are prefixed with an * and fields which are conditionally required are prefixed with a + sign. This mimics the layout of the paper sample card. [SQA 12325]

SAMPLING - Authorize Samples

- The highest sample number now appears first instead of last. [SQA 12307]

SAMPLING - Receive Samples

- The highest sample number now appears first instead of last. [SQA 12308]

SAMPLING - Review Test Results

- Expanded the available print area for the "To Be Used In:" field in Tier 2 of the Chemical Lab's report layout from 60 characters to 120 characters. [SQA 11939]

SAMPLING - View Pending Lab Samples

- The Sample/Part Number is now the first column and the highest Sample Number appears first. Previously it was the fourth column and the default sort was on the Sample Date, with the oldest date first. [SQA 12310 & 12309]

CONTRACT SETUP – Authorize Contracts

- Bonding Companies that are marked as "Invalid" by the Department of Insurance will be expired weekly on Saturdays. [SQA 6867]
- The Authorize Contracts window has been modified to display a list of work orders so that the primary one can be set prior to authorizing a Contract. Additionally, the SPECS interface has been modified to set the primary work order when there is only one work order on the Contract. [SQA 12389]

CONTRACT MAINTENANCE – Review Contract Details

- The advertisement date has been added to the Dates tab.[SQA 11575]

CONTRACT ADJUSTMENTS - Review Supplemental Agreements

- Users can now delete a Contract Time extension created in error. This makes the check box for "Contract Time Considered upon Completion of Work" on the General tab available if it had not checked initially. TO DELETE THE CONTRACT TIME: click the pencil eraser button on the Tool bar or use CTRL+Delete. This is the same way Line Items are deleted. [SQA 10765]
- The appropriate FHWA representative is now notified of the approval of a Supplemental Agreement on step-by-step projects. When FHWA makes a decision, the Resident Engineer is notified. [SQA 12459].
- The Unit Price can be positive, zero or negative (new). If a negative unit price is entered, the user must confirm that it is correct. The system also allows the following scenario: A negative quantity and a negative unit price which results in a positive amount. [SQA 11932]

CONTRACT TRACKING – General

- On the Cont/Loc tab, the decimal point has been removed from the Station From and Station To fields. Numbers to the right of the decimal can no longer be entered. [SQA 9232]

CONTRACT TRACKING - Review Material Receipts

- It is now possible to use Wild Card Searches when selecting an Approved Producer/Supplier from the Producer/Supplier window. (Wild Card Searches start and end with an asterisk(*). Typing *concrete* and retrieving will find all the Approved Producer/Suppliers with Concrete in their name. [SQA 12054]

CONTRACT TRACKING - Review Pay Records

- Updated the Review Pay Records window to refresh when an update occurs in the Estimate windows. [SQA 12496]

CONTRACT TRACKING - Review Tickets

- It is now possible to use Wild Card Searches when selecting an Approved Producer/Supplier from the Producer/Supplier window. (Wild Card Searches start and end with an asterisk(*). Typing *concrete* and retrieving will find all the Approved Producer/Suppliers with Concrete in their name. [SQA 12054]
- Updated the Review Tickets window to refresh when an update occurs in the Estimate windows. [SQA 12496]

CONTRACT TRACKING - Review Material Prepayments

- It is now possible to use Wild Card Searches when selecting an Approved Producer/Supplier from the Producer/Supplier window. (Wild Card Searches start and end with an asterisk(*). Typing *concrete* and retrieving will find all the Approved Producer/Suppliers with Concrete in their name. [SQA 12054]

CONTRACT ESTIMATES - Generate Estimate

- Resident Engineer offices are no longer required to enter a comment when forwarding an estimate to CCU. [SQA 10846]
- The Thru Date for estimates with Estimate End Date of Month End defaults to the actual month end date. [SQA 12533]

CONTRACT ESTIMATES - Review Estimates

- An error message now appears if the Percent Complete exceeds 100% when the amount of the Overruns/Underruns is entered incorrectly. (Overruns and Underruns are excluded when calculating Percent Complete – therefore Percent Complete cannot exceed 100%). If there are no Overruns/Underruns entered, and the calculated Percent Complete exceeds 100% because of an error in Contract Tracking data entry, the same error message will appear when the user tries to forward the estimate. [SQA 11990]
- Added the Escrow tab. For Contracts with Escrow Agents, CCU will be able to edit the Current Amount to Trust. [SQA 11361]

- The Estimate Report with Work Orders now displays the correct amount in the Total Amount column for items such as the AC Adjustment Line Items and for estimates which have multiple work orders. [SQA 12289]
- Corrected the discrepancy of Balance and Current Balance totals on Review Estimates - Prepayment tab by changing the calculations in the review estimates window to round to 3 digits instead of 2. The Current Balance total had been rounded up and the Balance total had been the actual amount.[SQA 12328]
- Added a checkbox “Show Full Item Descriptions” to both Estimate Reports. Checking this box allows the user to view the complete descriptions entered for Pay Factors, Material Prepayments, etc. [SQA 12429]
- The floating information displayed when the top grid is double-clicked now includes Work Order, Federal Aid No., Resident Engineer, Project Engineer, Administrative Division, Bid Amount, Availability Date, Completion Date, and Revised Completion Date. [SQA 12525]
- A warning message has been added to the forwarding process when the thru date is greater than the current date. [SQA 12497]

STANDARD REPORTS - General

- Updated the Header on Standard Reports to include the NCDOT Seal. [SQA 11473]

STANDARD REPORTS – Minimum Sampling Guide

- The Standard Report for the Minimum Sampling Guide now reads "1 sample per tons (i.e. whatever the UOM is) instead of "1 sample per unit of measure". [SQA 12340]

QUERY TOOLS - General

- All users with the appropriate security tags can create and save their own private queries; public queries require an additional security tag. (This was applied to Production before 4.5 Release.) [SQA 12247]
- Users who do not have the appropriate security tags to save a query will now receive an error message instead of an 'Insert permission denied' error [SQA 11034]
- Added calendar icon to the date fields. [SQA 12268]
- Provided format mask to all date fields. [SQA 12238]
- Formatting of saved queries is saved. [SQA 10713]
- Times which are not part of a date stamp have been removed from the reports generated by the Query Tools. [SQA 8619]

QUERY TOOLS - Samples

- The Materials icon was added to the Material Description criteria [SQA 12269]
- The Book icon was added to the text fields (comments, other, alignment, and other columns with over 20 chars) [SQA 12267]
- The field “Alignment” has been relabeled “Location” to be consistent with the Contract Tracking and Test Formats modules. [SQA 12491]

QUERY TOOLS – Test Results - Samples

- Added the filename on the "Select Format to Query Against" window. [SQA 11995]

REFERENCES - - Concrete Mix Design

- The new window 'Assign Contracts' allows for the assignment of Concrete Mix Designs to specific Contracts. [SQA 12169]
- A new report has been added to the 'Assign Contracts' window which prints the Form 312 report for all mixes that are currently active on a Contract. [SQA 8435]
- The System no longer requires any material (cement, poz, coarse agg, fine agg, admixtures) to be entered. [SQA 12170]

REFERENCES – Minimum Sampling Guide

- The Minimum Sampling Guide Report has been enhanced to display the Sampling and Testing Responsibilities by Testing Category. [SQA 12375]
- Add right click find/sort capability to the MSG window on the Material Type tab. [SQA 9941]

REFERENCES – Test Formats

- Users now have an option of unexpiring an expired format if no active version for that format exists. [SQA 12391]
- On the Cont/Loc tab, the decimal point has been removed from the Station From and Station To fields. Numbers to the right of the decimal can no longer be entered. [SQA 9232]
- Added a column for a test format's imported date to the window. [SQA 9505]

ADMIN - Security

- Expanded the GROUP drop-down listing in Staff Security Tab in order to view complete listing of General DOH Technicians groups. The groupings now available are (a-b); (c-e); (f-h); (i-m); (n-r); (s-t); (u-z). The smaller groups allow the interface to return the values in a more timely manner. (This was applied to Production before 4.5 Release.) [SQA 12254]
- When expiring a staff name in the Staff table, the pop up message indicates where the name association can be found. [SQA 12345]
- Social Security Number field has been added to the Staff table in HiCAMS. It is a required field. [SQA 12459]
- Division Security Administrators can reset Passwords for their assigned users by Right Clicking on the Staff name and selecting the menu option 'Reset Password'. The password automatically resets to the default (user login). **Users are now to contact their Division Security Administrators to have their Passwords reset.** [SQA 12210]

DOH Vendor V2.6

CONTRACTOR DIRECTORY – Civil Rights Certifications

- The Zip Code field on the Address tab of the Subcontractor Additions Request window accepts numeric characters when in combination with a US state, and alpha or numeric characters when in combination with a Canadian province. [SQA 1353]

TECHNICIAN CERTIFICATION – Courses

- At least one test will be required for each new course. [SQA 1463]

TECHNICIAN CERTIFICATION - Classes

- Instructor information will be required for each new class. [SQA 1514]

TECHNICIAN CERTIFICATION – Technicians

- The field containing DOH Vendor technician number information is now more clearly labeled. The label was changed from “Number” to “Technician Number” in both the technician window and the technician selection window. [SQA 1496]
- When printing a certificate from the Certifications tab, the application will now respond with a confirmation message when the print job is complete [SQA 1566]
- When adding technicians to the Vendor system, you will be prompted to choose personnel from the staff table. If the technician being added is not a DOT employee, and does not currently exist in the staff list, you may add Non-DOT technicians to the staff table using the “New” button on the staff selection window. Only Non-DOT personnel can be added in this manner. All DOT employees must be added to the system by their administrator, as always.[SQA 1558]
- When adding Technicians to the Vendor system, Social Security Number will be required information. [SQA 1565]

TECHNICIAN CERTIFICATION – Enrollment

- Only active classes will appear in the class selection window. [SQA 1519]
- When adding technicians to a class, the “Enrolled” checkbox will not default as active. This box will be checked once users are notified that they have been selected for a seat in the class. [SQA 1518]
- When adding technicians to a class, the “Date Fee Received” field will not be required until after the “Enrolled” box has been checked. [SQA 1532]
- Once the “Attended” box has been checked, at least one test score must be entered before a Save action can be performed. [SQA 1527]
- After Granting Certifications, the user will be prompted to Print Certifications. [SQA 1535]
- When granting certifications, performing a right mouse click in the “Passed” window will allow access to the “Select All” function [SQA 1530]
- When printing certifications from the Grant Certifications window, the user will be able to choose a printer. [SQA 1531]

- When choosing the “Print/Export Summary” option from the Grant Certifications window, the user will be able to choose a printer to print to, or a local path and filename to export to. [SQA 1531]
- When using the “Grant Certifications and Print Certificates” function, the user will not be able to print a Certificate until after it has been granted [SQA 1529]
- Certificates will now be printed on blank, perforated certificate forms. No pre-printed information should exist on the form before the certificate is printed. All text, seals, emblems, signature, and borders will be printed by the DOH Vendor application. [SQA 1476]
- The “Retest” check box on the Tests tab will not be available until at least one test score has been entered and saved [SQA 1528]

PRODUCER/SUPPLIER – Producer/Suppliers

- Address types have been restricted to “Main Office” and “Branch Office”. [SQA 1539]
- Only one instance of “Main Office” is allowed per Producer/Supplier. [SQA 1539]
- At least one address is required per Producer/Supplier. [SQA 1538]
- At least one Facility is required per Producer/Supplier. [SQA 1549]
- At least one Facility Type is required per Facility. [SQA 1549]
- When expiring a Facility or Facility Type, all fields except “Expiration Date” are protected. [SQA 1525]
- Facility Type IDs appearing across the bottom of the Facilities tab are removed when a new Producer/Supplier is inserted. [SQA 1497]
- When expiring a Facility, all Facility Types associated with the Facility will be expired and will automatically receive the same expiration date as entered on the Facility.
- When revoking or expiring a Facility Type, a comment is required [SQA 1431]
- The “Add Facility Types” button will remain available unless the associated Facility is expired. [SQA 1501]
- When adding multiple Facilities to a single Producer/Supplier, Facility names must now be unique. Duplicate Facility names within a Producer/Supplier will not be accepted. [SQA 1540]
- The Producer/Supplier Selection window has been modified to allow for searches by “Plant ID”. Also, searching with %20% will find all plants with a 20 in them.
- When creating a new Producer/Supplier within the DOH Vendor system, a list of existing Producer/Suppliers with similar names will be displayed. Use this list to verify that a duplicate record is not being created.

QUERY TOOL - Facilities

- Double clicking a line item in a Facilities query will navigate to the appropriate record in Producer/Suppliers [SQA 1466]
- Producer/Supplier addresses will now be available display and criteria columns within the Facilities query tool [SQA 1499]
- The Facility ID column has been renamed “Plant ID” and will contain a combination of Facility Type and Facility ID information (i.e. ‘RM105’ = Ready Mix plant # 105) [SQA 1485]