

Application Modifications and Enhancements

HiCAMS & DOH Vendor Version 24.4.0010 were released Friday, December 13, 2024.

OVERVIEW OF THE RELEASE

- Hicams Application enhancements - in various modules related to Contract Maintenance, Density, Precast Concrete FIRs, Prestressed FIRs, QAQC, Query Tool, References, Samples, Standard Reports, Test Formats, Web Interface Applications

DENSITY - Review Density Asphalt Cores QA

- Adding a new Density Core Type – Verification Retest to the dropdown list on the Asphalt Core QA Density window. - [SQA 23420](#)

FIELD INSPECTION REPORTS (FIR) - Review Field Inspection Reports

CONCRETE PIPE: CORRUGATED METAL PIPE: GUARDRAIL: PRECAST CONCRETE: PRESTRESSED CONCRETE: STAY-IN-PLACE: STRUCTURAL STEEL:

- PLASTIC PIPE and PRESTRESSED – Added Material Types for FIR Prestressed and FIR Plastic Pipes to the Material Type drop down list on the FIR Maintenance window. - [SQA 23425](#)
- PRECAST CONCRETE – When adding a new FIR the Inspection date default's to current date. - [SQA 23396](#)
- PRECAST CONCRETE - Added the NumPad icon to PC FIR window to the following Result Tab columns: Cylinder1, Cylinder2, Slump, Air Content, Flow JRing and Spread. - [SQA 23333](#)
- PRECAST CONCRETE – Added warning messages to specify whether Alternate IDs are entered into Hicams Manually or are Imported onto FIR. - [SQA 23296](#)

SAMPLING - General

- MOVING AVERAGE REPORT – The Moving Average Report made various improvements; a few of those changes include:
 - - changed the average calculation to include the 3 previous samples plus the current sample
 - - the QC black line is now a continuous line on the graph tab
 - - sampled date is now displayed on the data tab
 - - added Save As icon to save report data as Excel - [SQA 23394](#)
- Expanded the Moving Average Report criteria, graph and data grid tabs – [SQA 23441](#)

QUERY TOOL

- **Bug Fix** - Precast Concrete FIR – Corrected the multiple rows of data when report is generated on the query report. Now report will check and only display the Unique Rows - [SQA 23405](#)

REFERENCES - Test Formats

The following Test Formats previously written/designed in Formula 1 have been updated, rewritten and reworked.

- Miscellaneous Test Format (Both) – *Abmisc.xls*
 - Fine Aggregates Test (English) – *Aefine.xls*
 - Fine Aggregates Test (Both) – *FineAgg.xls*
 - Coarse Aggregate Test Report (English) – *Aecoarse.xls*
 - Coarse Aggregate Test Report (Both) –
 - Mineral Filler Test (English) – *Aeminfil.xls*
 - Cement Content (Both) – *CHBCemt.xls*
 - Steel Alloy (Both) – *CHBSteel.xls*
 - Concrete Cores Test (English) – *Peconcor.xls*
 - Aluminum Alloy 5XXX (Both) – *CHBALum1.xls*
 - Paint (English) – *CHBPaint.xls*
 - Galvanized Hardware (Both) – *CHBGalHW.xls*
 - Fence Accessories (English) – *CHEFAcc.xls*
 - Zinc Alloy (Both) – *CHBZinc.xls*
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- The calendar button will now allow the user to select from the calendar popup and set the value to the related date field on the form. The button will trigger existing code that will display the calendar when the date field is double-clicked. - **SQA 23383**

PRODUCTS - Review Product Maintenance

- Added a new column and new codes table for BABA (Buy American Build American) values to the Vendor Products module and Approved Products List (APL) website. - **SQA 23418**