

Application Modifications and Enhancements

HiCAMS & DOH Vendor Version 25.3.0009 were released Friday, 09/12/2025.

OVERVIEW OF THE RELEASE

- Hicams Application enhancements - in various modules related to Contract Maintenance, Contract Adjustment, Contract Estimates, Field Inspection Report, WBS Maintenance, Standard Reports, Reference (Test Format). Enhancements/fixes to the Moving Average Report
- Data fixes for production issues in various modules

CONTRACT ESTIMATES - Generate Estimate

- User experienced an unfamiliar error message when trying to process an estimate. Previous estimates and other estimates for other contracts processed successfully, but this one seemed to have an issue with the PDF generation or housekeeping, which caused the estimate approval to fail. Added logic to the Estimate image reporting process to wait up to a specified amount of time to make sure the pdf file is written to the disk and then read into a variable before saving. - **SQA - 23690**

FIELD INSPECTION REPORTS (FIR) - Review Field Inspection Reports

PLASTIC PIPE: Increased the size of the FIR Scan Window Quantity field to allow a maximum of 9999.99 numbers. – **SQA 23849**

INDEPENDENT ASSURANCE - General

- Working on the redesign of the Independent Assurance window –
 - Updated IA related Codes Tables
 - Changes to IA Search/Retrieve window
 - Changes to IA Aggregate Lab Technician Program
 - Added new report type - Assessment Review Report
 - Changes to Maintain Tolerance to Maintain Rating Limits for Aggregate Lab Tech
- **SQA - 23353, 23704, 23429, 23448, 23706**

QA/QC – Moving Average Report/Graph

- A continuation from version 25.2 –
 1. Fix to pull the VMA, %Gmm@Nini, Dust To Binder to pull from code table - AMD/JMF Mix Type Properties
 2. Fix limits for VTM, Gmm@Nini, Dust To Binder, 1.18, 12.5, 4.75
 3. Ffix to include QA samples w/ CORR Sample Retake Code – **SQA 23647**

STANDARD REPORTS

- SUBCONTRACTORS BY TYPE OF WORK:
 1. Added a parameter to the report to allow the user to filter Active, Expired, All firms
 2. Added add a parameter to the report to allow the user to filter also by the certification type (DBE/MBE/WBE/SBE/SPSF) - **SQA 23857**

REFERENCES - Test Formats

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

Test Format	File Name	English, Metric or Both	SQA Number
Pecagg.xls	Coarse Aggregate Yearly		23501
Pefagg.xls	Fine Aggregate Test Yearly		23503
CHEBack.xls & CHBBack.xls	Corrosivity Test	English/Both	23509
CHBMisc.xls	Chemical Misc. Test Format	Both	23510
NTPEPSteel.xls	NTPEP Sheet Steel		23511
CHBXRF.xls	XRF Analysis		23512
CHBSteel1&2	Steel Alloy Test		23514
PB_DTI.xls	Direct Tension Indicator Test	Both	23516, 23722, 23730 and 23731
Pbmisc.xls	Physical Lab Misc.Test	Both	23517
Pbneopr.xls	Neoprene Test	Both	23518
Pbpppr.xls	Plastic Pipe Resin Test	Both	23519
Fseabc.xls	Aggregate Base Course	English	23528
FSbmisc.xls	Field Section Miscellaneous Test	Both	23529
Pegrout.xls & Pmgrout.xls	Grout Test	English/Metric	23554
Aecoarse.xls & Amcoarse.xls	Coarse Aggregate Test Report	English/Metric	23559
AEMinfil.xls & AMMinfil.xls	Mineral Filler Test	English	23570
IAAggPrgm.xls	IA Aggregate Program	Both	23572
Preconrs.xls	Standard Prestressed Concrete Test	English	23575
Preconhs.xls	High Strength Prestressed Concrete Test	English	23577
Prbmisc.xls	PreStress Lab Miscellaneous Test	Both	23578
SEabc.xls	Aggregate Base Course	English	23581
Setsden.xls	Test Section Density Test, ABC	English	23583
SEabc1.xls.xls	Aggregate Base Course, (B) Continued	English	23584
SElimsta.xls	<i>Lime Stabilization</i>	English	23585
SBmisc.xls	Soils Lab Miscellaneous Test	Both	23587
SBQual.xls	Soils for Quality	Both	23595
IAAggPrgm_ABC.xls	IA Aggregate Program - ABC	Both	23598
CoarseAgg.xls	Coarse Aggregate	Both	23599
Secden2.xls	Conventional Density Test2	English	23604
Hurtsoil.xls	New Soil Format	Both	23611 & 23682
Secden3.xls	Conventional Density Test 3	English	23613
Secden1a.xls	Conventional Density Test 1- A	English	23618
Pefagg.xls	Fine Aggregate Test Yearly	Both	23627
CHBPaint.xls	Paint	Both	23674
CHEFPost.xls & CHMFPost.xls	Fence Posts	English	23676

AECORE.xls Asphalt Core Test	Asphalt Core Test Report	Both	23677
CHBMISC.xls	Chemical Miscellaneous Test Format	Both	23678
SEcden1.xls	Conventional Density Test 1	English	23683
CHENitri.xls	Calcium Nitrite Corrosion Inhibitors	English	23687
NTPEPSteel.xls	NTPEP Sheet Steel	Both	23713 & 23715
Pbmisc.xls	Physical Lab Miscellaneous Test	Both	23738
Pbpppr.xls	Plastic Pipe Resin Test	Both	23742 & 23743
Pecpcore.xls	Concrete Pipe Cores Test	English	23772
PEMCem.xls	Masonry Cement Test	English	23799 & 23800
Pemesh.xls	Wire Mesh Reinforcement Test	English	23801 & 23802
Pepave.xls	Paving Cores Test	Both	23803 & 23804
Pepcon.xls	Concrete Pipe Test	English	23805
Peppdbl.xls	Large Dia. Plastic Pipe Test	English	23807
Pepppln.xls	Plain Plastic Pipe Test	English	23809
Peppprf.xls	Perforated Plastic Pipe Test	English	23811 & 23812
PEcagg.xls	Coarse Aggregate Yearly	Both	23841
PEfagg.xls	Fine Aggregate Test Yearly	Both	23842

QAP- General

- Asphalt QA & QC Test Summary Report - 1 1/2, 1, 3/4 & 1/2 inch sieves on samples have Wt. Retained = 0 which should return Percent Passing = 100. QAP was not calculating the values correctly therefore the Asphalt QA / QC Test Summary Report shows NULL in the percent passing columns rather than 100%. New Logic was added to the code to show Null value on report. **SQA - 23660**