

Feature	ASTM Insight SQC	Typical Spreadsheets	Competitor Systems
User Friendly and Intuitive — Does not require a large user manual to use the system as the design and work processes are intuitive	✓	✓	
Automated Chart Construction — Automatic construction of I-Charts, Q-Charts, EWMA Charts, MR Chart, Histograms, Normal Distribution Plot	✓	✓	
Flexible Data Entry — QC data can be uploaded from files creating virtual connections with LIMS, can be entered in manually with real time updates to charts, and can be entered as part of a real time “to do” list	✓	✗	
Chart Overlay Feature — Ability to overlay charts to compare instruments to establish if one is more precise or whether there is between instrument bias	✓	✗	
Filter By Analyst feature — ID individual analysts on a control chart to evaluate precision and bias between analysts	✓		
Preloaded Test Method Data — Details including calculations for \bar{r} and \bar{R} come preloaded for a large number of test methods and are maintained as current to make deployment and upkeep hassle free	✓	✗	
Configurable Notifications — Set up notifications to be alerted for expiration of QC samples, out of control violations, assessments coming due, results or rechecks not being performed, etc., and configure them according to your own tolerance to risk	✓	✗	
Training Provided — Access to professionally developed eLearning Modules with instruction on how to configure a chart, set up notifications, enter data and chart evaluation, perform an assessment, configure and update master data	✓	✗	
D6299 and 40CFR1090 — Conforms to ASTM D6299 and 40CFR1090 requirements and will be maintained to remain in conformance	✓	✗	
Highly Configurable Charts — Turn rules on and off, configure QC run creation schedule, configure for auto creation of rechecks when control rules are violated, and much more	✓	✗	
Chart Groups — Grouping of charts to permit seamless review of individual charts for different parameters or properties for the same test, instrument, and QC sample	✓	✗	
Automated Assessments — Perform initial and periodic assessment with automatic calculation of statistics including GESD, F-Test, t-Test, TPI, AD, etc. and maintain records of these assessments directly in the system	✓	✗	
Audit Friendly — Designed to support quality staff during audits, easily distinguish set up data, access historical charts, configure printable reports to select what is shared, etc.	✓	✗	
Evaluation of Check Standards — Ability to capture, evaluate, and report data from analysis of check standards tested to validate accuracy.	✓	✗	

For additional information, contact Angel Fontenot (afontenot@astm.org) or Amber Hickman (ahickman@astm.org)



NEW

ASTM Insight SQC

**INCREASE ACCURACY.
IMPROVE QUALITY.
WORK SMARTER.**

Say goodbye to complicated spreadsheets and tedious manual data tracking processes with a cost-effective, modern, and efficient way to manage your quality control data – **ASTM Insight SQC.**

Built specifically for the fuel and biofuels community, ASTM Insight SQC provides the tools every laboratory needs for comprehensive quality control analytics, control charting, and audit preparation on one convenient online platform.

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Stay organized with all your quality control data in one central place

Designed in conformance with ASTM D6299, this custom statistical quality control platform supports EPA Tier 3 and 40 CFR 1090 compliance and covers an array of instruments and multiple test parameters.

Our secure interface is easy to navigate and built to integrate seamlessly with your current proficiency testing programs and business and management practices. You'll enjoy straightforward data integration tools and special user controls that make it easy to monitor laboratory accuracy and precision quality across all your locations worldwide.

Simplify processes and avoid inconsistencies and errors with standard features like:

- automatic data upload
- automated chart construction
- automatic statistical calculations
- automated assessment process
- configurable control strategies
- customizable dashboards for both individual and multiple labs
- customized notifications

Ready to get started? Contact
sqc@astm.org

