

COMMANDqc Concrete Testing (CMDQC-CQCL)

Description

This module provides Laboratory Management and Concrete Quality Control Performance Analysis.

Features

Test Result Entry

- Laboratory specific, user-defined screen layouts for entry of fresh and hardened concrete tests
- Sample entry includes "Read" button to import appropriate data as received from the Batch Plant, e.g. batch time, load size, customer and project information etc.*
- For ease of data entry, Product Lines can be defined with entry defaults and tolerances
- 28-day or late age strength predictions from early age results
- Option of specimen data entry at day of test
- Built-in testing schedule provides a list of Specimens to be tested, as well as printed forms for written data entry
- Electronic interface with compression machines, electronic scales, etc.**

Analysis

- Statistically analyze a single product or create and analyze user defined product groups
 - Rank and easily assess mixes from under-performing to over-performing
 - Evaluate performance of Plants, Testing Technicians and Laboratories
 - View QC snapshot of mix performance
 - Analyze over a wide range of standard data selection filters
 - Combine batch and material data with concrete test data
 - Further filter analysis using additional above/below or "match" parameters
 - Include an unlimited number of raw material characteristics in each analysis
 - Unlimited number of analysis setups can be saved in user settings files
 - Graphs of concrete tests, batch plant data or raw material properties can help determine causes of changes in concrete performance
 - Graphs can be configured to display running or Cusum plots
 - Create an unlimited number of user defined reports to check on internal and external requirements
 - Create Product Comparison graphs, Normal Distribution graphs, Strength vs. Gain graphs
 - Allows Early, Intermediate, Control, 28-day and late age strength predictions
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Prerequisites

- COMMANDqc Base Module (CMDQC-CBP)
 - *Automatic display of ticket data requires COMMANDconcrete CC-TT or the CMDQC-3rdIM module to interface with a third-party system.
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Notes

- **Compression machines and electronic scales must be equipped with serial data interfaces to be connected to COMMANDqc. Check with your Command Alkon sales representative to verify compatibility with your equipment make and model.
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