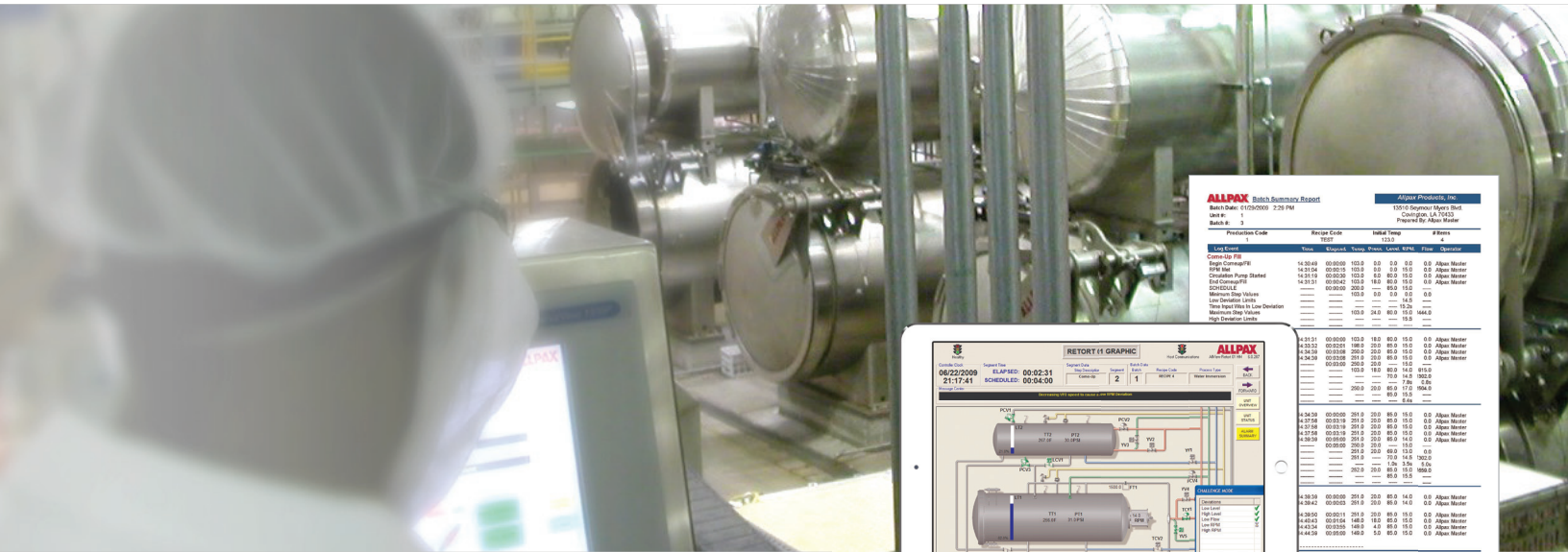




# CHALLENGER AUTOMATED SYSTEM VALIDATION



## An Automated System for Process Quality Assurance

Challenger has been designed by the Allpax software engineering department to perform an automated check of all critical factors, all relevant instrumentation, and critical deviation logic while processing a ballast load. The Challenge Mode software code runs “behind the scenes”, simulating critical factor deviations in each phase of the process. When a deviation occurs, the operator interface screen will display the measured deviation value along side a list of achieved deviations.

At the end of the Challenge Mode process test, a batch log will print the results of the simulated tests. This provides documentation that can be filed with a validation or simply as part of an ongoing system maintenance file. Detailed reports provide additional information on deviations for comprehensive record-keeping. Pair Challenger with AllCheck for complete system validation.

SECTION	ALLPAX VALIDATION SERVICES
Installation Qualification	AllCheck—during initial installation (Customer is responsible after installation)
Operational Qualification	AllCheck—before installation <b>Challenger—following installation</b>
Performance Qualification	AllCheck—following installation <b>Challenger—following installation</b>

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