

Winery Instrument Calibration and Project Execution

A leading producer of wine sought solutions for an extensive instrument calibration and process system upgrade under tight deadlines during the harvesting season. The project also involved long-term planning for upkeep and optimization.

Main Objective

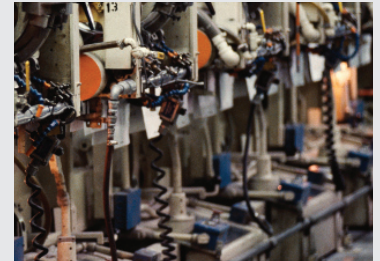
The client needed to develop an instrumentation calibration and startup plan for 150 analog and 740 discrete devices. To meet an extremely aggressive project schedule, the calibration effort required coordination with the client's process planning group. Document control procedures also needed to be established to enable timely and accurate instrumentation maintenance and troubleshooting.

Customer Results

MAVERICK's team completed calibration of all devices within eight weeks, concurrent with the client's equipment installation plan. Working 24/7, MAVERICK coordinated electricians, pipe fitters and other construction personnel to complete the instrumentation installation and prevent costly delays. On-site monitoring during checkout and startup ensured a successful launch. Zero delays or shutdowns were attributed to instrumentation or calibration issues after project completion.

Application Description

- MAVERICK's team was involved in project-planning meetings, coordinating the receipt and calibration of all field devices and staying ahead of installation and construction.
- Defective components were quickly identified and replacements were ordered.
- Instrument data logs were developed and maintained for receiving, stock, calibration, location, delivery and installation for the life of the project.
- An Excel database was created to record calibration parameters as well as all instrumentation equipment and associated specifications, including location, manufacturer, type, part and serial number. The comprehensive database provides maintenance personnel with quick and easy identification, and setup of new components in the event of a failure.
- A complete catalog of device manuals was also developed to support troubleshooting for the future.



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