



CASE STUDY

Chemical Processing Facility



Challenge

- Fix control functions that were not working
- Implement automation in various processes
- Add controls for plant expansion
- Develop documentation for control system

Solution

- Achieved full manual function within weeks
- Implemented control system for new equipment
- Automated powder blending, product transfer and burn oven operations
- Automation of chemical reactors is in progress
- Produced PIDs, electrical drawings, and operating manual

Results

- Reduced required # of operators by 50%
- Improved product consistency
- Reduced waste
- Reduced maintenance cost and down time
- Improved plant safety

