

PROJECT PROFILE

Owner:

Tosco Oil Refinery

Project Name:

8 Emergency Shutdown System

Project Location:

Martinez, CA

Technical Summary:

Bay-Tec Engineering designed and built an emergency shutdown and emission monitoring system for the # 8 Boiler at the Avon Refinery in Martinez California. The shelter contained a Rosemount CEMS analyzer, PLC enclosure, and an operator/annunciator station enclosure which penetrated the shelter enclosure to allow for an operator to monitor and control process points without entering the shelter.

Scope Responsibility:

Bay-Tec was responsible for complete control system design and implementation inclusive of: Instrument specifications and datasheets, control panel design and fabrication, instrument procurement and installation, software design and integration, loop checks and calibration, system commissioning and start-up, validation support.