



The Switch to Prime is On.

ENGINE CONTROL PANELS (4)

Client:

El Paso Corporation

Project Name:

ANR Pipeline Automation Upgrade

Location:

Greenville, MS

Completion:

March 2002

Governing Bodies:

NEC



Services Provided:

- El Paso Corporation contracted Prime Electrical Services to fabricate, assemble, and install four (4) new Engine Control panels for Clark TLA -6 engines.
- These engines are utilized to drive reciprocating compressors that provide the necessary pressure to move natural gas through ANR's pipelines.
- Primary operating controls are allowed by means of a Xycom touch-screen that has been formatted to communicate with El Paso supplied Bristol hardware.
- Primary components for panel construction consisted of pneumatic and electronic gauging, PLC's, pneumatic indicators, vibration monitoring system, and a touch-screen with CPU.
- All panel components were required to be rated for Class I Division II environment and all equipment with the exception of the ANR proprietary signal conditioners are UL listed.
- Harsh environment, marine grade fixtures were utilized for panel construction due to intense vibration caused by the engine.
- All four panels were function tested and accepted by El Paso Corporation and Prime prior to release for shipment to the ANR station in Greenville, MS.

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