

PLC Based Wellhead Control Panels

The programmable logic controller panel is designed to meet the client unique process conditions and site-specific requirements to reduce the installation cost by combining high level logic sequence function, PID Control, Shutdown functions, Online fault monitoring, Diagnostic, Alarm & SCADA / RTU functions.

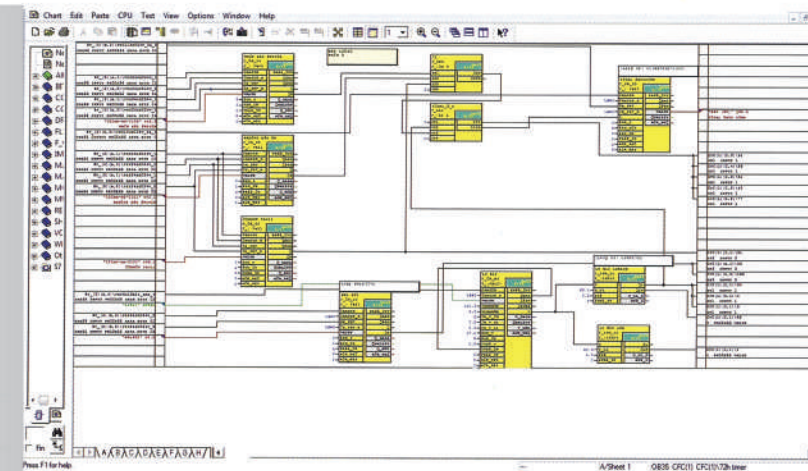
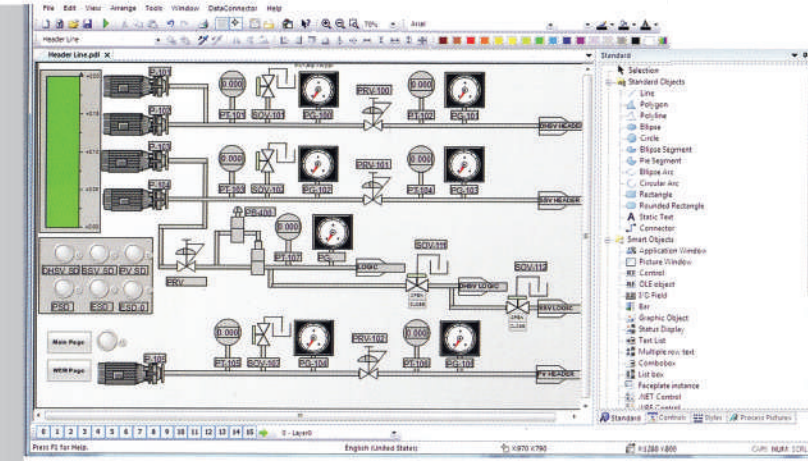
Our PLC panels are designed with best possible System Architecture, application software, programming software, Hardware and Software Configurations as per IEC safety standards and are customized as required by Instrumented Protective System (IPS).

All our PLC based panels are user-friendly in terms of operability, maintainability, availability and reliability.



Key Features

- Simplex/Redundant configuration in CPU, Power, CP and I/O modules
- Standard designs to ease installation & maintenance.
- Safety modules certified by TUV.
- SCADA interface for remote control.
- Monitoring.



WHCPs may have multiple applications, which include, but are not limited to:

- Fail Safe Operation
- IP-55 Certified Panels
- 3D Model Design Review
- Reliability and availability study
- Up to SIL-3 bases on IEC 61508 and IEC 61511
- Panels conforming to relevant IEC standards
- Complete and comprehensive documentation

With Safety Integrated, we can offer first class and uniform solution for the process and production industries and combine these with appropriate services for all life phases of a safety instrumented system which is divided into the analysis, implementation and operation phases.

The following services are available for the PLC panels related to the Safety integrity:

- Configuration and Planning of the Safety Plan
- Safety Requirement Specification (SRS)
- Verification and Validation
- Installation & Commissioning
- Operation and Maintenance
- Documentation

Additional Services

- Installation / Training Start-Up Supervision
- Extended warranty
- Customized System