

ESD Control Panel

Emergency Shut Down Control Panel is designed to generate signal to pneumatically control the hydraulic flowhead valve or any other single-action, fail-safe hydraulically activated valve.

ESD system controls the hydraulic safety valve on the test tree and on the well head wing valve and allows manual or remote closure in response to any equipment failure upstream of the choke manifold such as pipe leaks, equipment malfunction, fire or any emergency that may occur during the operations.

APPLICATIONS

- ▶ Well Testing Operations
- ▶ In all H₂S environments
- ▶ Sweet gas environments with a wellhead pressure greater than 5,000psi



FEATURES & BENEFITS

- Protect all personnel on wellsite ◀
- Provide fail-safe Well Testing operations ◀
- Provide instant closure of the flow line in case of an emergency ◀

MAIN PARAMETER

Design Code	API Spec. 14C, 14D, 14F & API 550
Discharge Pressure	6,000 psig or 10,000 psi
Air Supply Pressure (maximum)	120psig
Pilot Operating Pressure	40-145psig
Pump (Air Drive)	Maximator Pump or Equivalent
Pump Manual	Hand Level Operated
Reservoir Capacity	8 US gallons
Hydraulic Fluid	Any mineral based hydraulic oil
Assembly Material	stainless Steel

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