

# OUR BUSINESS



## PRINCIPAL ACTIVITIES

The principal activities of IESPL are supplying engineered products and services to the oil and gas industries. Some of these products and services include the following: -

- 1.Flow Control Valves and Associate Control Systems
  - a.Control System Integrator
  - b.Supply, Design & Engineering of Automation of Valves
- 2.Pneumatic and Hydraulic Wellhead Controls
- 3.Process Instrument and Control Panels
- 4.AC / DC Power Distribution Boards
- 5.UPS and Power Regulating Control Systems
- 6.Other Custom Design Control Systems

## VALUE ADDED SERVICES

IESPL also provides the following value added services : -

- 1.New valves & actuators and spare parts replacement
- 2.Valves and actuators assembly
- 3.Valves modification
- 4.Repair & maintenance service
- 5.Hydraulic power test
- 6.Valves testing and calibration service

## MISSION

Our mission is to be the preferred partner

# BALL VALVES

## DESIGN AND MANUFACTURING:

**API 6D:** Pipeline Valves. Pressure Test Specification.

**ASME B 16.34:** Valves-Flanged, Threaded, and Welding End.

**BS 5351** (replaced by ISO 17292)

**API 608:** Metal ball valves – Flanged, Threaded, and Welding End

**ISO 17292:** Metal ball valves for petroleum, petrochemical and allied industries

## TEST AND INSPECTION:

**API 6D:** Pipeline Valves. Pressure Test Specification.

**API 598:** Valve Inspection and Testing.

**API-607:** Fire Test for Soft-seated Quarter-turn Valves

**ISO 15848:** Industrial Valves – Measurement, test and qualification procedures for fugitive emissions.

## FLANGE DIMENSION:

**ASME B 16.5:** Pipe Flanges and Flanged Fittings.

**ASME B16.47:** large diameter steel flanges: nps 26 through nps 60

**MSS SP 44:** Steel pipeline flanges

## WELDED OR THREADED EXTREMES:

**ASME B16.25:** Buttwelding ends

**ASME B16.11:** Forged fittings, socket-welding and threaded

**ASME B1.20.1:** Pipe threads general purpose

## FACES TO FACES DIMENSIONS:

**ASME B 16.10:** Face-to-Face and End-to-End Dimensions of Valves.

**API 6D:** Pipeline Valves. Pressure Test Specification



# Product and Services



CHECK VALVE

GATE VALVE

GLOBE VALVE



CONTROL Valves



# Product and Services



Motor Operated Valve (MOV)



Actuated Valves : Electro-Hydraulic



Actuated Valves : Pneumatic

# OUR PRODUCTS & SERVICES



## OUR DESIGN FOR ACTUATOR VALVES – STANDARD

CONTROL PANELS/ LIMIT SWITCH/COMPLETE ASSEMBLY





# OUR PRODUCTS & SERVICES



## SPECIAL / CUSTOM DESIGN:



PARTIAL STROKE FACILITY



LINEAR ACTUATOR EXECUTION



MANUAL OVERRIDE GEARBOX

# OUR BUSINESS



## OUR FACILITIES:



## OTHER SERVICES:

- Valve testing services – Stroke test & leak tests of Actuated valve under full differential pressure condition, hydrostatic or high pressure gas.
- Partial Stroke tests.
- Comprehensive cycle testing and calibration, repair, and maintenance services.
- A Fully Equipped, Staffed, and Stocked Facility Handles Jobs of all Size and Scope