



# ● Instruments

## Measuring Instruments



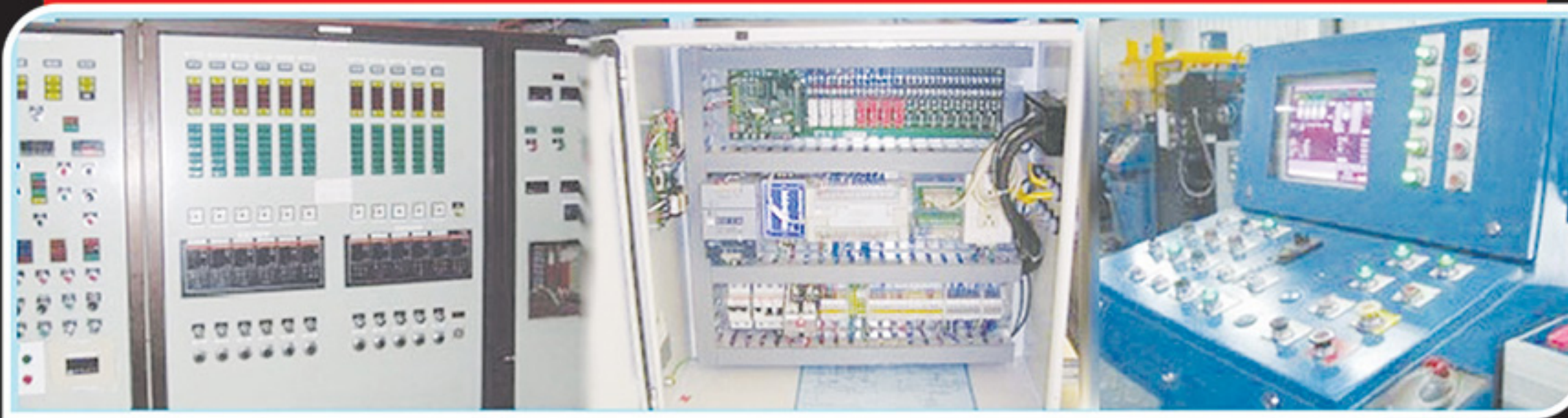
- DENSITY METER
- LEVEL TRANSMITTER / SWITCH / GAUGE
- TEMPERATURE TRANSMITTER / SWITCH / GAUGE
- PRESSURE TRANSMITTER / SWITCH / GAUGE

## FLOW INSTRUMENTS



- FLOW TRANSMITTER
- FLOW METERING SYSTEM
- FLOW SWITCH
- FLOW INDICATOR

## Automation and Control



- Distributed Control System (DCS)
- Programmable Logic Controller (PLC)
- Safety Instrumented System (SIS)
- Supervisory Control and Data Acquisition (SCADA)
- Manufacturing Execution System (MES)
- Advance Control System

## Marine and Subsea Equipment



- Subsea Engineering Services
- Subsea Construction Management Services
- Subsea Completion Systems
- Subsea Distribution & Controls Management
- Subsea Integrity Management

## Offshore Instrumentation Services



- Electrical Maintenance, Support Services & Project Management
- Electrical & Instrumentation Services
- E&I Personnel Supply
- Commissioning and Decommissioning of all Electrical Appliances
- Trade Awareness Hazardous Area Inspection Training
- Offshore Electrical Service





## Wireline and Downhole Instruments



- That meet or exceed the requirements of API grade
- Supplied in continuous lengths on painted steel reels and are subjected to 100% non-destructive testing during manufacture
- Lengths from 5,000 to 30,000 ft or longer
- Other diameters and wire grades can be supplied
- Different types and sizes of the Downhole Tools are available to harmonize different wells completion
- Wire line product range includes rope sockets, stem, hydraulic jar, tubing swage, impression block, etc
- Supply of single, dual drums skid, truck mounted wire line units which have high pulling capacities
- Supply of wire line tools such as bailers, locking mandrels, plug assemblies, prongs, pulling tools, running tools, shifting tools, etc
- Supply of wire line spears which is designed to retrieve wire line and wire rope from the well bore

## laboratory equipment



- Refinery
- Petrochem
- Oil and Gas
- Oil Analysis
- Gas Chromatograph Analyzers