

ENGINEERED PROCESS SYSTEMS

Pre-assembled, skid mounted, shop manufactured and tested modular systems provide a one-stop shopping for key services in process and production plants.

SEPARATION:

- Early Production Unit
- Portable Production Unit
- Portable Well Test System
- Vent/Relief Knock Out Drum

PUMPING UNITS:

- Oil Transfer Pumping Unit
- Reciprocating API-674
- Centrifugal API-610
- Centrifugal ANSI B73
- Firewater Pump Station NFPA, UL/FM

AIR COMPRESSION:

- Plant Air System
- Instrument Air System
- Piston, screw, oil-free or lubricated compressors.
- Desiccant or refrigerating air dryers.

OILY WATER TREATMENT:

- API
- CPI
- Oil Skimmer
- IGF
- Walnut Shell Water Filter
- Sump Tanks

CUSTODY TRANSFER:

- Gas Metering Skid
- Gas or Liquid LACT Unit
- Pressure Reducing Station
- Pig Launcher/Receiver Skid

GAS CONDITIONING & TREATMENT:

- Gas Filtration Unit
- Fuel Gas Conditioning
- Membrane Filtration
- Instrumented Gas Scrubber
- Instrument Gas Unit

CHEMICAL DOSING:

- Corrosion inhibitor, demulsifier, scale inhibitor, methanol injection.
- Diaphragm dosing pumps.
- Mixing/Preparation tanks
- Available in stainless steel or plastic materials.

PIPING ARRANGEMENTS:

- Production Manifold
- Multiport Selector Valve Manifold
- Modular Pipe Rack
- Pressure Regulating Unit
- Skid Mounted Pipe Spools

RELIEF & VENT SYSTEMS

FLARES:

- Utility (Basic)
- Sonic
- Air Assisted
- Portable
- Ignition Control Systems

VENTS:

- Vent Stacks
- CO2 Snuffing
- Water Cooling
- Radiation & Dispersion modeling

IGNITION & ACCESORIES:

- Flare Pilots
- Control Panel
- Ignition Systems
- Flame Front Generation
- Flame Monitor
- Velocity, Molecular, Water Seals

PROCESS VESSELS

SEPARATORS:

- Two Phase
- Three phase
- Horizontal/Vertical
- Sand & Solids Removal
- Production Separators
- Test Separators

FILTERS:

- Basket Strainers
- Gas Coalescing Filters
- Membrane Filtration
- Multi-Elements
- Gas Scrubbers
- 2 Stage Filtration

DRUMS:

- Knock Out Drums
- Free Water Knock Out
- Water, Molecular Seal
- Air receivers

TANKS:

- Shop Welded API 12F
- Oil Gun
- Chemical Mixing & Preparation.

HEAT EXCHANGERS:

- Shell & Tube Heat Exchangers
- Process Heaters
- Gas Catalytic Heaters
- Electric Heaters
- Air Fan Coolers

BULK MATERIAL AND ACCESORIES

PIPING & ACCESORIES:

- Line Pipe (CS, SS)
- Pipe Flanges
- Welded Fittings
- Spectacle Blinds
- Injection Quills
- Restriction Orifice

TANK PROTECTION:

- Gauge Hatch
- Pressure/Vacuum Valve
- Drip Trap
- Safety Relief Valve
- Manhole
- Flame Arrestor

INSTRUMENTS:

- Pressure , Temperature, Level, Flow instruments
- Gauges, Transmitters, Switches, Controllers.
- Gas Detectors
- Control Valves
- Pressure Safety Valves

VALVES:

- Ball (Floating/Trunnion)
- Gate
- Globe
- Butterfly
- Check
- Soft or Metal Seated
- Manual or Actuated
- ESD Service

ELECTRIC & CONTROL EQUIPMENT

- Control Panels
- Switchgears
- PLC/RTU systems
- Transformers
- Motor Starters
- SCADA