

COMPANY OVERVIEW

AUGUST-2020

ABSOLUTE ENERGY FIELD PRODUCTS AND SERVICES



State-of-the-Art Fabrication Facilities



Located at the intersection of Clinton Drive and Wayside on the east side of Houston, TX. **Absolute Energy Field Products** has developed a reputation over the years for quality on-time deliveries.

Fabrication Facilities:

- 2.7 Acres of stabilized lay-down area onsite
- Two dedicated fabrication shops:
 - Building 1: 20,000 sf. – Carbon steel fabrication
 - 2 bays with 60 ton lifting capacity
 - Building 2: 20,000 sf. – Dedicated for stainless steel fabrication & assembly activities
 - Mitigates contamination concerns
- Offsite additional lay-down area for longer and heavier project needs

Capabilities:

- 168" Max. Vessel Diameter
- Vessel Wall Thickness to 4"+
- Max. Completed Length: 80ft.
- Up to 120,000 lb. dry weight

Materials:

- Carbon Steel (A36, SA-516, 70 as rolled & normalized, etc.)
- Common Alloys (4130, 4140, etc.)
- Austenitic Stainless (TP304/304L, TP316/316L, etc.)
- Duplex Stainless Steel (2205, etc.)

Engineering Capabilities

Design Codes

- Pressure Vessels designed per ASME and/or PED Rules
- Piping systems in accordance with ASME or API rules
- Electrical Designs in accordance with NEC/NFPA
- Pneumatic, Electric or Mechanical Controls
- Controls custom designed to Customer requirements
- Structural Designs are available for ASME or AWS

Design Platforms

- Process Design: ProMax®
- HEX Thermal Design: HRTI ExchangerSuite®
- Vessel Mechanical Design: COMPRESS
- CAD Platform: AutoCAD®
- 3D Modeling is available



Upstream Equipment:

- TEST SEPARATORS
- PRODUCTION SEPARATORS
- HEATER-TREATERS
- GAS PRODUCTION UNITS
- INDIRECT-FIRED LINE HEATERS
- SAND SEPARATORS
- FILTER/COALESCING SEPARATORS
- H₂S SCAVENGER UNITS
- GAS DEHYDRATION UNITS

Midstream Equipment:

- TEG GAS DEHYDRATION UNITS
- SHELL & TUBE HEAT EXCHANGERS
- MOL-SIEVE DEHYDRATION UNITS
- MECHANICAL REFRIGERATION UNITS
- H₂S SCAVENGER UNITS
- STABILIZER SYSTEMS
- JOULE-THOMPSON (JT) PLANTS
- SLUG CATCHERS
- PIG LAUNCHERS/RECEIVERS
- FILTRATION PACKAGES
- MODULAR PROCESS EQUIPMENT
- FIN / FAN AIR COOLERS
- AMINE TREATING

Absolute Energy Field Products and Services

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