

Superior Solutions For Oil & Gas Processing Equipment

Combining custom engineering, leading technology and innovative thinking since 1991.

ETI delivers proven solutions to the oil, gas, petrochemical, gas transmission, utility and power industries. Clients turn to ETI for a broad range of services that span all phases of project development, including:

- Conceptual Engineering
- Process Design
- Mechanical and Detail Design
- Quality Assurance
- Technical Field Services

Design. Fabrication. Commissioning.

ETI is a recognized leader in the design, fabrication and commissioning of oil and gas processing equipment.

Known for reliability, our equipment is designed and manufactured in compliance with applicable industry standards including ASME, API, ANSI and NEC. We also maintain a thorough quality assurance program, including quality manuals and project-specific procedures to ensure our high standards of product safety and reliability.

ETI solutions have been installed worldwide, and are available to ship from our Tulsa manufacturing facilities via truck, rail or by ship using the nation's most inland waterway, the Tulsa Port of Catoosa.




ETI multiple deck glycol regeneration assembly shown with 5.0 mm BTU/HR forced draft glycol reboiler complete with flash tank, glycol pumps (85 gpm), charcoal filter and sock filters. This module was shipped to Colombia, South America.

GAS PROCESSING

LIQUIDS SEPARATION & DEHYDRATION

HEAT TRANSFER: OIL FIRED, GAS FIRED, ELECTRIC HEATERS



Multiple **ETI waterbath heaters** located at a major natural gas storage facility in California. These units heat natural gas as it is withdrawn from storage and prior to pressure regulation into an adjacent pipeline. These heaters are equipped with clean burn technology and in situ stack monitoring achieving less than **9 ppmv(d) NO_x**.

ETI Products and Services

▲ **Gas Processing**

- Glycol Dehydrators
- Amine Gas Sweetening Units
- Mechanical Refrigeration Units
- Fuel Gas Conditioning Units (Simple Cycle/Combined Cycle)
- Solid Desiccant Dehydration (Mol Sieve, Silica Gel, Activated Alumina, Calcium Chloride)
- Gas Scrubbers
- Filter Separators/Coalescers
- Carbon Bed Filters
- Desanders

▲ **Liquids Separation & Dehydration**

- Oil & Gas Separators
- Defoaming Separators
- Metering Separators
- Free Water Knockouts
- Water Skimmers
- Condensate Coalescers
- Mechanical Treaters
- Electrostatic Treaters
- Crude Oil Desalters
- Crude Oil Stabilizers

▲ **Heat Transfer (Oil Fired, Gas Fired, Electric)**

- Water Bath Heaters
- Steam Bath Heaters
- Salt Bath Heaters
- Helical Coil Heaters
- Convective Heaters
- Thermal Oxidizers
- Thermal Fluid Heaters



Desiccant NGL conditioning unit provided by ETI, rated at 10,600 barrels/day utilizing molecular sieve to remove water to less than 4 ppmw and decrease **oxygenates** to less than 1 ppmw. This system illustrates ETI's modular design concept allowing the end user to minimize field constructed piping, thus reducing total construction time and overall construction costs.

To learn more about ETI products and services, or to discuss your next project, please contact 918-492-0508 or sales@ETIengineering.com