ETI, a division of John Zink Hamworthy Combustion (JZHC), combines custom engineering, leading technology and innovative thinking to deliver 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. As part of JZHC, ETI engineers have access to incredible in-house resources. We use proprietary CFD analysis techniques to predict and improve performance and emissions, allowing us to optimize the equipment within your specific application before it is ever manufactured. In addition, our Research and Development Test Center is the largest and most advanced testing complex of its kind. This not only allows us to push innovation for future solutions, it enables us to test customer equipment in an industrial setting under specific, real-world conditions.

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 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 and Dehydration
- Oil and 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

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) NOx.

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.

Put ETI expertise to work for you.
918.492.0508 or sales@ETIengineering.com