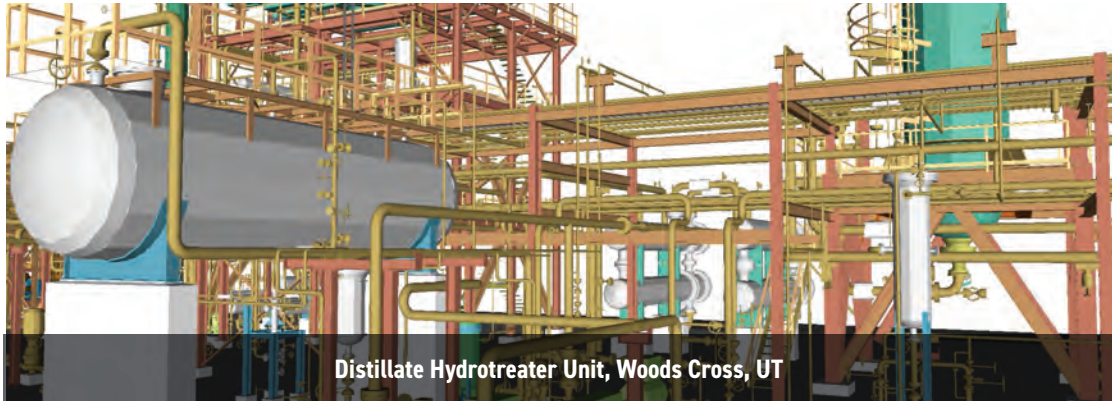
REFINING

Engineering | Architecture | Construction Management | Design-Build | Surveying

MERRICK®

www.merrick.com



Distillate Hydrotreater Unit, Woods Cross, UT

Helping Refineries Execute Optimal Projects

Merrick works closely with our refinery clients on projects ranging from new construction to renovation of existing facilities and everything in between. Our downstream services include:

- Project evaluation and development
- Process simulation and optimization
- Process licensor selection support
- Utility system studies
- HAZOPS facilitation, PHAs and PSM support
- LiDAR Scanning and 3D Modeling
- PHAs and PSM support
- Full scope design
- Procurement
- Construction management services
- Fully integrated EPCM

We have a long association with many refinery clients CHS, Delek, HollyFrontier Refining, Sinclair Oil, Suncor, and Calumet Refining.

EMPLOYEE OWNED
SINCE 1955

Diesel Hydrotreater Revamp EPC, Tulsa, OK

Merrick understands the challenges our refining clients face with the growing demand for ultra-clean products, the need for compliance with new government mandates, highly volatile energy prices, and the continual challenge of executing cost-effective projects. We respond to these needs while maintaining existing unit operations and limiting refinery downtime to maximize profitability.

Many of our projects are revamps or debottleneck of units that have resulted in short-term payouts and improvements to profitability. We approach every project in alignment with our client's goals—lowering operating costs, increasing production, and/or meeting regulatory requirements. Merrick understands the challenges in re-use of equipment and the special needs of revamp projects, all with consideration for constraints for compressed turnaround schedules while maintaining ongoing operations.

Crude Unit #2 Retrofit, Great Falls, MT

Merrick has your projects covered from conception through operations.

Project Development	Project Engineering	Project Construction	Operation Support
Strategic Planning	Full Disciplinary Detail Engineering	Sub-Contract Administration	Loop Check, Commissioning and Startup
Feasibility and Conceptual Studies	Procurement Services	EPCM Execution	Reliability Assessments and Recommendations
Front End Loading (FEL) and Front End Engineering and Design (FEED)	3-D Laser Scanning	Construction Management	Capital Budget Administration
Process Modeling	Hazop Facilitation	Quality Assurance	Turnaround Planning
Preconstruction Planning and Estimating	Major Vendor Coordination	Materials Receipt/ Warehousing	Onsite Staff
Value Engineering	Preconstruction Planning and Estimating	Shop Inspections	Process Change Management
Survey		Expediting	Utility Optimization

MERRICK BY THE NUMBERS

FOUNDED in 1955

EMPLOYEES 1100+

29 OFFICES in

3 COUNTRIES

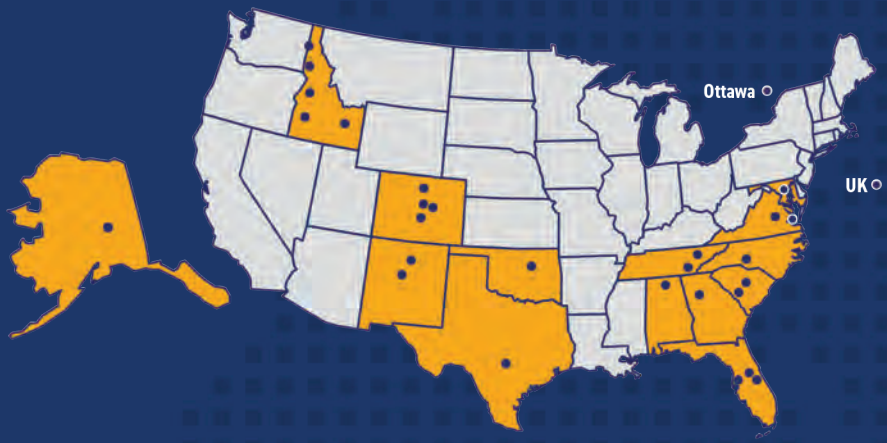
100% EMPLOYEE OWNED

7 CONTINENTS worked on

Safety Matters

At Merrick, we deliver optimal projects for our clients, while putting safety first. Safety is our top priority, and we do everything we can to ensure the health and safety of our employees and our client's employees and facilities.

LOCATIONS



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