



# CHEMICALS

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

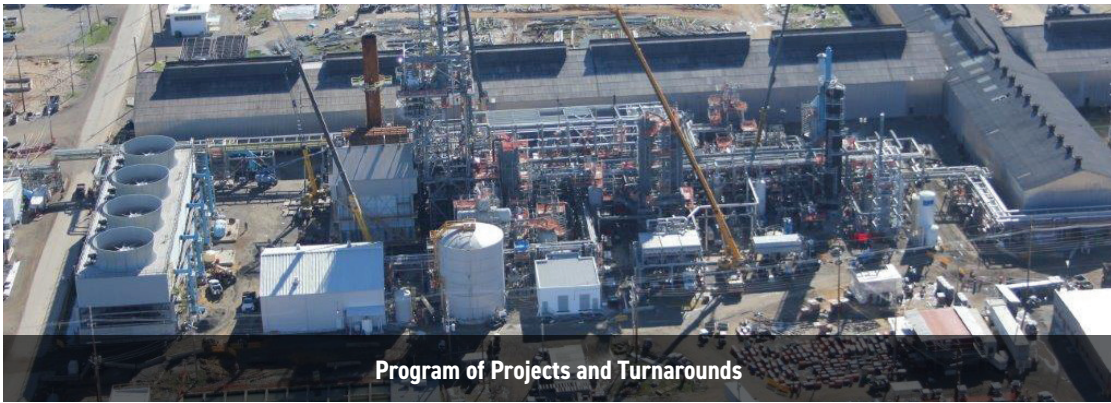


**MERRICK**<sup>®</sup>



[www.merrick.com](http://www.merrick.com)





Program of Projects and Turnarounds

## Engineering Tomorrow's Chemicals Today

At Merrick, we're dedicated to the efficient execution of process projects with particular expertise in:



Ammonia



Carbon black



Petrochemical



Nitric acid/urea

We specialize in development and implementation of industrial projects and provide consulting, engineering, and fully integrated Engineering-Procurement-Construction Management (EPCM) services to chemical manufacturing, allied products, and industrial facilities. We've designed, built, and operated industrial process and chemical production facilities since 1995.



**EMPLOYEE  
OWNED**  
SINCE 1955



### OSBL Integration of Three Process Plants

With aging facilities, growing demand for products, and new government mandates, the chemical industries are continuously challenged to execute cost-effective, accelerated projects. To meet these needs, Merrick develops designs that allow for equipment re-use, anticipate future needs, incorporate value engineering, and provide phased implementation and pre-turnaround construction to minimize downtime.

Merrick's clients also have access to The Merrick Consultancy, where subject matter experts can be employed on studies ranging from identifying business, technical and/or operational issues and challenges, facility audits to identify profit improvement opportunities to reliability assessments, and value chain optimization.



**Ammonia Tank in Construction**



**Cogen in Chemicals Facility**



Specialists in Chemical Industrial Design

## Merrick has your projects covered from conception through operations.

### Project Development

- Strategic Planning
- Feasibility and Conceptual Studies
- Front End Loading (FEL) and Front End Engineering and Design (FEED)
- Process Modeling
- Preconstruction Planning and Estimating
- Value Engineering Survey

### Project Engineering

- Full Disciplinary Detail Engineering
- Procurement Services
- 3-D Laser Scanning
- Hazop Facilitation
- Major Vendor Coordination
- Preconstruction Planning and Estimating

### Project Construction

- Sub-Contract Administration
- EPCM Execution
- Construction Management
- Quality Assurance
- Materials Receipt/Warehousing
- Shop Inspections
- Expediting

### Operation Support

- Loop Check, Commissioning and Startup
- Reliability Assessments and Recommendations
- Capital Budget Administration
- Turnaround Planning
- Onsite Staff
- Process Change Management
- Utility Optimization

# MERRICK BY THE NUMBERS



FOUNDED  
in **1955**



EMPLOYEES  
**1100+**

**28**

OFFICES in

**3**

COUNTRIES

**100%**   
EMPLOYEE  
OWNED



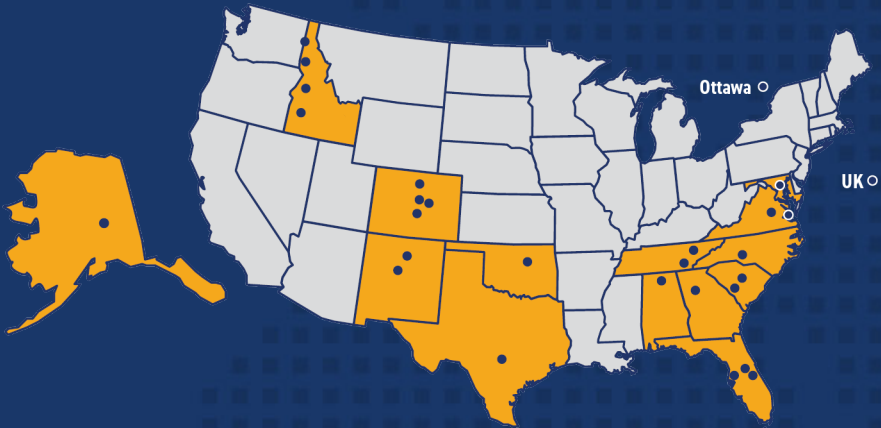
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CONTINENTS  
worked on

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





**Merrick & Company Corporate Headquarters**

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