

CRUDE AND REFINED PRODUCTS ENGINEERING AND CONSULTING SERVICES

We are committed to a speed-to-market philosophy, providing top quality design in an expedient and efficient manner.

OVERVIEW

EN Engineering offers a robust variety of services for your modernization and expansion projects that can be tailored to your specific needs. These comprehensive services and solutions are client-focused and responsive to the demands of each particular project.

Our highly-skilled team has decades of experience working with owners and operators to provide everything you require when embarking on crucial projects of this nature, including feasibility and other upfront studies, analysis, optimized engineering, programming, and commissioning services.

We ensure that all safety protocols are followed, that we are responsive to procurement and supply chain logistics, and that our team of professionals is scaled appropriately to the size of your project.

We are ready to partner with you and provide the solutions you need. Below are additional details on the services we have available.

We offer the following services for each area, including Gathering Systems, Terminals, Pipeline, and Petroleum Refining:

- **Hydraulics and surge analysis**
- **Equipment specification and upgrades**
- **Modernization**
- **Inspection**
- **Electrical studies**
- **Control buildings and control panels**
- **Commissioning services**

WE OFFER THESE COMPREHENSIVE SERVICES FOR THE FOLLOWING AREAS:



GATHERING SYSTEMS

- Tank batteries
- LACT units
- Injection/Booster pumps

TERMINALS

- Manifold expansion
- Tank and containment inspection
- Tank repair/return to service
- Truck and rail loading
- Marine design and barge loading
- Blending

PIPELINE

- New expansion and laterals
- Pump stations
- Return to service
- Line reversals
- Piggability
- HDD design
- Encroachment
- Modernization
- Valve automation

PETROLEUM REFINING

- Process engineering
- Debottlenecking
- Refinery equipment upgrades
 - » Fired heaters
 - » Boilers
- Plant optimization
- Process Safety Management services
- Electrical safety and infrastructure upgrades