Linde Engineering North America Inc. (LENA) has extensive experience with proven refining technologies, engineering, procurement, fabrication and construction capabilities worldwide. We provide the solutions our clients demand while ensuring safety and environmental compliance.

**Experience**

LENA designs and fabricates modularized units that can reduce project time lines and site construction costs and risks. LENA is truly a single source provider.

**Technologies**

Our patented technologies, combined with other licensor process designs, cover many types of refinery units:

- Off-gas processing (CRYO-PLUS™ and CRYO-PLUS-C2™)
- Sulfur recovery
- SRU tail gas cleanup
- Mercaptan oxidation
- Hydrotreating
- Fractionation
- Aromatics reduction
- Hydrogen generation
- Continuous catalyst regeneration (CCR)
- Pressure swing adsorption (PSA)
- Hydrogen recovery and purification
- Reforming
- Sour gas treating
- Sour water strippers

**Capabilities**

- Process design
- Detail engineering
- Fabrication
- Construction
- Startup services
- Process and efficiency improvements to existing process units and equipment

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