

Experience, technology, world class engineering, design, fabrication, and construction services to refineries in the USA and abroad.

## SULFUR



**Experience** Linde Process Plants, Inc. (LPP) has designed and/or constructed sulfur recovery systems to process off gases from amine units and sour water strippers and range in size from 12 to 1280 Long Tons per Day (LTD).

**Advantages** LPP has the experience, specialized skills, impressive track record, and extensive fabrication facilities to successfully deliver major turnkey process units to global markets.

- Over 25 refinery sulfur recovery units worldwide
- Extensive technology portfolio
- Full turnkey capabilities, including process design, detail engineering, fabrication, construction, and start-up
- Competitive firm lump sum pricing
- ISO 9001 certified
- Single source provider

**Technology** LPP has a portfolio of technologies to meet your requirements.

Our technologies include:

- |                          |                                       |
|--------------------------|---------------------------------------|
| - Straight-Through Claus | - Cold Bed Adsorption                 |
| - Split-Flow Claus       | - Shell Claus Off-Gas Treating (SCOT) |
| - Direct Oxidation       | - Sour Water Stripping                |
| - Acid Gas Enrichment    | - Acid Gas Recovery                   |
| - Oxygen Enrichment      | - Rectisol® Acid Gas Removal          |

Linde Process Plants, Inc.

A member of The Linde Group

6100 South Yale Avenue, Suite 1200, Tulsa, Oklahoma 74136, USA

Phone: +1.918.477.1200, Fax: +1.918.477.1100, [www.LPPUSA.com](http://www.LPPUSA.com), e-mail: [sales@LPPUSA.com](mailto:sales@LPPUSA.com)

Technology, world-class engineering, design, fabrication, and construction services to refineries in the USA and abroad. This breadth of experience and capabilities includes over 100 projects — new process units, expansions and unit upgrades.

## REFINING



**Experience** Linde Process Plants, Inc. (LPP) has extensive design, engineering, and construction experience with nearly every major type of unit required in a refinery. It is precisely this vast range of expertise that makes LPP the best choice when advanced technological know-how is needed. Our patented technology, combined with other licensor process designs, provides clients with the viable solutions their project demands while ensuring environmental regulatory compliance.

**Advantages** LPP has the experience, specialized skills, impressive track record, and extensive fabrication facilities to successfully deliver fully installed major process units to global markets.

- Proven technology
- Experience
- Over 100 refinery projects worldwide
- LPP offers full project capabilities: process design, detail engineering, fabrication, construction, and start-up
- Competitive firm lump sum pricing
- Guaranteed performance
- ISO 9001 certified
- Single source provider

**Technology** Off-Gas Processing (Cryo Plus & Cryo Plus C<sub>2</sub>=)

- Sulfur Recovery
- Isomerization
- SRU Tail Gas Cleanup
- MEROX®
- Hydrotreating
- Fractionation
- Aromatics Reduction
- Hydrogen Generation
- Continuous Catalyst Regeneration (CCR)
- PSA
- Hydrogen Recovery & Purification
- Reforming
- Sour Gas Treating
- Sour Water Strippers
- Carbon Capture & Sequestration

Linde Process Plants, Inc.

A member of The Linde Group

6100 South Yale Avenue, Suite 1200, Tulsa, Oklahoma 74136, USA

Phone: +1.918.477.1200, Fax: +1.918.477.1100, [www.LPPUSA.com](http://www.LPPUSA.com), e-mail: [sales@LPPUSA.com](mailto:sales@LPPUSA.com)