



Aconcagua Refinery, Valparaíso, Chile



Key Facts of The Project

- Location: Aconcagua Refinery, Chile
- Type of the Field: Refinery
- Owner: ENAP Refineries S.A., Chile
- Ferbeck's Client: Kinetics Technology SpA
- Ferbeck's Scope of Work Completion: Oct. 2024

Ferbeck's Scope of Work

EPC of double skin steel stack (1) h= 65m

Includes:

- **FRP** (Fiberglass Reinforced Plastics) Liner, with **Ethylene Chlorotrifluoroethylene** protection
- Anchor bolt for foundation
- Platforms
- Damper
- Ladders
- Lightning protection system

Key Facts of the Steel Stack

- 1 Double Skin Steel Stack
- Height: 65 m
- 1 FRP Liner
- Smoke Temperature: 110°C



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Aconcagua Refinery, Chile

FRP Liner



Stack Segments



Flanges pre-assembling check





Aconcagua Refinery, Chile

Overview of The Plant

The Aconcagua Refinery (officially Refinería Aconcagua), located in Concón near Valparaíso, is one of Chile's most critical energy assets operated by the state-owned company ENAP (Empresa Nacional del Petróleo).

It supplies nearly 100% of the fuel for the Valparaíso Province and over 60% of the Metropolitan Region (Santiago) with operational capacity of processing approximately 104,000 barrels per day (bpd).

Ferberbeck International had completed and successfully delivered a specialized steel stack featuring a Fiberglass Reinforced Plastic (FRP) liner with ECTFE (Ethylene Chlorotrifluoroethylene) protection.

Ferberbeck remains committed to delivering high-quality engineering solutions that meet the technical demands of our clients.

