

Field of activity Handling and ore yards

Project Lime slurry production plant, San Ciprián (SPAIN)

Year 2000

Location San Ciprián (SPAIN)

Client ALCOA EUROPE

Scope/description:

Execution of engineering, manufacturing, supply, assembly, supervision, automation and commissioning of a new lime slurry production plant, including:

- Silos charging system from trucks (quicklime, granulometry from 0 to 12 mm).
- Storing silos
- Silos dust collection system
- Ultrasonic level detection systems for the silos
- Vibrating bottom
- Reaction tank screwfeeder charging system
- Reaction tanks with mixers and water feeding circuits
- Automatized system for the mixing of lime and water
- Overflow system for reaction tanks
- Dilution tanks
- Pumping station to process through two interconnected pumps



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