



SONARA was established in 1976. The refinery was built in Limbe. Crude feed is mainly light Nigerian, although some Cameroon Kole is processed in a blend with Equatorial Guinean Alba condensate. The refinery is mainly focused on the domestic market, and exports around 500.000mt/yr to international markets by sea.

The refinery, based in Limbe, about 350 Kilometers southwest of the capital, Yaounde, has increased capacity to 4 million metric tons by 2015 from the current 2.1 million tons.

Within the framework of this extension, our mission was the design of firefighting system.

Basic and detailed Engineering of the Fire Protection System composed mainly of:

- Network by deluge system
- Nozzel Cooling Sprinklers
- Water curtains
- Foam station design
- Fire Fighting Equipment Specifications

## Design and Engineering of Fire Fighting System

Cofely Axima, Cameroon, 04/2013 - 04/2014

CHEMICALS

PROJECT REALIZATION

PROJECT PREPARATION

TUNISIA

**COFELY AXIMA**  
GDF SUEZ

### Principal project data

Refinery Firefighting Basic and Detailed Engineering

### Scope IPS

Project Realization

Engineering Scope

- Hydraulic
- Piping
- Electrical

Delivrables:

- PID
- Calculation notes
- Equipment specifications
- General and detailed drawings
- Isometric and piping supports drawings
- Execution drawings
- Fabrication drawings

### IPS operational unit(s)

