



Framework Contract Engineering Services Upgrader - Production Area

Client: PETROCEDEÑO (SINCOR)

Location: Venezuela

Scope: IB, ID

MH: 82.000

Type of facility: Production and Refining.

Disciplines involved: Civil, Mechanical, Electrical, Instrumentation & Control, Structural, Process, Safety and Piping engineering.

Description: Production and Upgrading Division Projects.

Operating and environmental improvements, considering reliability, safety and elimination of bottle necks to allow the expansion of upgrading capacity of crude oil at Jose and the production area in San Diego de Cabrutica.

Development of different basic and detailed engineering, which were executed at OTEPI's offices in Puerto La Cruz and Caracas:

The Projects executed were the following:

- Basic and Detailed engineering for eighteen (18) operating Projects in the Upgrading area
- Detailed engineering of two (2) water injection wells.
- Detailed engineering of civil works for sixteen (16) existing clusters and five (5) new clusters
- Basic and Detailed engineering for water injection facilities installation in eleven (11) wells.

