



Hydro treatment Diesel- Refineries Lake Charles / Corpus Christi

Client: CITGO

Location: USA

Scope: FEED, DI

MH: 115.000

Type of facility: Refining.

Disciplines involved: Civil, Mechanical, Process, Electrical, Instrumentation & Control and Piping Engineering.

Description: Basic Engineering (FEED) and development of detailed engineering.

Two (2) Hydro treatment units at the Refineries Lemont and Corpus Christi, so as to eliminate the content of sulphur (from 500 to 15 ppm) by means of a high pressure and high temperature catalytic process of diesel fuel, according to the new Regulations provided by USEPA on June 2006. Such units being installed (ISBL) with a capacity of 42.500 BPD each, also need review and expansion works of services required for their operation, and modifications to the existing facilities (OSBL). Including: Facilities, systems, services, equipment, accessories and relevant dimensional data. Best engineering practices were implemented: Value engineering, constructability, Hazop, risk/cost analysis, review of electronic model to perform the constructability and operation studies.

Holding: OTEPI - INELECTRA (both working independently, having separated contracts and working along with MUSTANG during the FEED development).

