



Desulfurizing Unit Nafta of Coker - Cartagena Refinery

Client: INITEC- REPSOL

Location: Spain

Scope: ID

MH: 34.100

Type of facility: Refinación

Disciplines involved: Piping, Civil and Process

Description: Expansion of Cartagena Refinery, Block 2B, Desulfurizing Unit Nafta from Coke, in Cartagena - Spain.

Development detailed engineering in 3D for the expansion, technical and constructive denomination of the Hydro sulphureting Unit from Coke U-623. The activities developed allowed having valid documentation for the construction of the facility based on the requirements defined in the technical documentation available. In general, the development of detailed engineering activities included: calculations, design and drawing preparation, development of 3Dmodel and preparation of APC engineering drawings and review of equipment manufacturer's drawings. For 3D modeling of U-623 m a SW PDMS was used and for 2D drawings, Micro station was used.

