

STEELWORK FABRICATION AND MONTAGE STEAM SUPERHEATER

Client/End User : Heurtey Petrochem France s.a. (France) / TOTAL Refinery
(Gonfreville, France)

Year : 2007

Work Description :

Carbon Steel material supply.

Prefabrication of all casing panels of the furnace anchors welding, sanblasting and painting.

Assembly and welding of radiant coil (material 25%Cr-35%Ni A297 HP Modified) and convection coil (Alloy_A335 P5 and A106 Gr B).

Transportation of all prefabricated elements of the furnace to a designated area of 2800m² within Thessaloniki Port.

Construction of temporary basements for the erection of Radiant and Convection Module Section.

Erection and modularization of Radiant and Convection Section, Stack prefabrication in three transportable size pieces.

Erection of burners of the furnace and the relative burners piping (Ring collectors and piping system of each burner).

Manufacturing of supporting structure, for transportation, in an appropriate vessel, of the two modules with the following dimensions :

Convection Section : 475 tns, Length 13m. x Width 9m. x Height 19m.

Radiant Section : 300 tns, Length 13m. x Width 9m. x Height 15m.

Stack : In three parts, Length 12m. x Diametre 3m. each.

Prefabrication and erection of supportage construction for sea fastening of the modules.

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