

REFINING

# TNGIZT Turkmenbashi Refinery DCU Project

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Turkmenbashi - Turkmenistan



**COMPLETION  
DATE END 2010**

## PROJECT DESCRIPTION

The Project has been developed in 2 phases, first the preparation of the PDP and FEED and then the Detail Design phase

The project consist in the realization of a new Delayed Coker Unit within the existing Turkmenbashi Refinery.

The project scope covers the ISBL facilities as well the new electrical substation and new control room. The DCU Project comprise:

- a grass roots Delayed Coker Unit utilizing Foster Wheeler SYDECTM Technology processing 18.000 BPSD of vacuum residue for the production of 570 T/d of green anode coke
- a grass roots naphtha stabilization and gas treatment section has been integrated in the DCU

## FOSTER WHEELER ITALIANA SCOPE OF WORK

- Basic Design Package/FEED
- Detail Design (EP) Services
- Contract type: Lump Sum Services
- PDP has been developed in FWUSAC Houston, whereas both FEED and EP phases were executed through Milan team supported by an extensive use of FWBimas offices for engineering and drafting activities.
- The DCU fires heater has been designed and supplied by FWI/ED with the Foster Wheeler Terrace-WallTM Technology