

Jamnagar Marine Terminal



Owner: *Reliance Port & Terminals Ltd*
Client: *Bechtel France*
Country: *India*
Period: *2006-2008*
TECON SOW: *Detailed Design Services in Multidisciplinary Engineering*



Work description

Reliance Jamnagar Marine Terminal is situated in the Gulf of Kutch, State of Gujarat, India, about 35 km west of the town of Jamnagar. The Marine Terminal was inaugurated in 1999, to serve the world's largest grass roots refinery, having a capacity of 33 MMTPA.

In 2006, after eight years of successful service, Reliance Industries Limited (RIL) has planned to increase the crude processing capacity of the refinery from 33 MMTPA to 64.6 MMTPA, as part of the Jamnagar Export Refinery Project (JERP).

The aim of this is to maximising processing units and production of refined petroleum products as well as additional petrochemical products for the export markets.

The marine facility for the existing refinery comprises of 2 SPM's for crude oil import and 4 Tanker Berths A, B, C and D for exporting products and a seawater intake facility for cooling water requirements. In addition the marine facility also includes a Ro-Ro facility and unloading platforms for handling Project construction cargo.

Tecon services

Detailed design of the new lines from the MTF to the LFP

Detailed design of the new lines from the LFP to the New Riser Platform or existing Berths

Detailed design of new lines from LFP to Y-Point via the Take-Off Point.

Detailed civil/structural design of the additional level of piperack from LFP to the Zero Point

Civil/structural design of modification to Approach and Jetty Trestles, Berth Heads and existing Riser Platform.

Detailed design of new loading arm installation including associated facilities

Detailed design of new Riser Platform

Detailed design of Auxiliary Mooring near Berth 'A'

Detailed design of new pig launcher area adjacent to existing pig launchers

Detailed design of new piperack between MTF and LFP

Detailed design of infill areas from the LFP to the Take-off Point along the side of the haul road

Detailed design of cause way from Take-Off Point to Y-Point

