

Crude Oil Storage Tanks, Das Island, Middle East

Major Overhaul of Tanks 10, 12 and 19

Customer: Abu Dhabi Marine Operating Company – ADNOC Group Company

Services Provided

- Engineering
- Procurement
- Construction
- Installation

Benefits to Customer

- Extensive knowledge of tank demolition and installation
- Completion of project within budget and schedule
- Provision of innovative solutions to operating and lifting in a high risk area



Background

ADMA OPCO operates fourteen crude oil storage tanks on Das Island. The tanks are taken out of service for major inspection and repairs at the end of the endorsement period, usually every twelve years.

The extensive overhauls require experienced personnel to ensure the tanks are reinstated within schedule. The procedure is a major operation made more difficult by the location of the tanks within the active plant.

Project Description

- Replacement of single deck roof with new double deck
- Replacement of floor plates and wind girder bracing
- Floating roof and internal pipework replacement
- Installation of new guide and anti-rotation poles
- Modification of existing outer rim to suit new seal
- Sealant reinstatement
- Surface preparation and painting
- Installation of new GRFP internal lining and removal of existing lining