

Malampaya Phase 2 - Asset Integrity & Debottlenecking Project



Delivering Performance and Value, **Competitively**

Project Data

Client : SPEX
Location: Philippines
Date : February 2008
Manhours : 100,000
Duration : 2 Years
Scope : Engineering,
Project Management, and
related activities

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MMC AMEC was awarded the contract by Shell Philippines Exploration (SPEX) to provide detailed engineering design services for the Asset Integrity and Debottlenecking Project on the Malampaya facility in the Philippines, covering both the integrated platform and the onshore gas plant.

The project will involve up to circa 100,000 manhours over 2 years, covering support services in project management, engineering and related activities for the Malampaya project.

The Malampaya Deep Water Gas to Power project entails the extraction of gas from 3,000 meters below the sea level which will flow through five subsea wellheads to a manifold in 820-meter water depth, through two 30 kilometer flowlines to a shallow water production platform where the gas is dried.

The dried gas is then transported through a 504 kilometer subsea pipeline from the platform in offshore Palawan to the on-shore gas plant in Batangas where gas is further processed with the removal of hydrogen sulfide and finally delivered to three combined-cycle gas turbine power plants.