



Quick-Lock® adhesive-bonded Joint



Dulang B Compressed Gas Capacity Enhancement Project using Bondstrand® 2000M GRE pipe

The Dulang B Field is located 135KM off East Coast Peninsular Malaysia at Block PM-305. The original field development in 2008 consists of a Fixed Platform Facility at water depth of 77.3M.

The Compressed Gas Enhancement Platform is awarded to Kencana HL Fabricators Sdn Bhd in 2009. The platform will re-purpose the collected natural gas associated with the production well, and re-inject the gas, ensuring that the reservoir pressure level is maintained as well as enhancing the recovery of oil.

NOV Fiber Glass Systems, a leading global Glassfiber Reinforced Epoxy (GRE) manufacturer, is contracted by Kencana HL for the supply of GRE pipings and training of qualified GRE Bonders for installation.

Our premium Bondstrand 2000M and 2000M-FPFV product (ranging from 1-24 inch), has been specified for application on critical the Firewater System, Seawater Cooling System, Service water System and Portable water System, ensuring a reliable, non-corrosive, light weight piping system. Of these systems, the Firewater Dry System is the most critical and stringent, which calls for the Jet Fire safety requirement.

In Dulang B project, project management and planned execution is the key factor of success and this differentiates NOV Fiber Glass Systems among from the rest.

Project

Dulang B Compressed Gas Capacity Enhancement Project

Shipyard

Kencana HL Fabricators SDN BHD

Owners

Petronas Carigali SDN BHD

Pipe system

Bondstrand 2000M 1-24 inch with Quick-Lock adhesive-bonded joints
Fire Water System (FW), Service Water System (SW) Portable Water System (PW), Seawater Cooling System (CW)

Operating Conditions

17121X

Design pressure : 16 bar
Max hydrotest pressure : 1.5 x design pressure
Design temperature : up to 65 °C

17122X

Design pressure : 16 bar
Max hydrotest pressure : 1.5 x design pressure
Design temperature : up to 65 °C
Fire Requirement : 5 minutes jet fire in dry condition

Installation date

Date of completion April 2010