



SIKA AT WORK

BKD-A JACKET INSTALLATION

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



BKD-A JACKET INSTALLATION



PROJECT DESCRIPTION

In April 2021, Sika was selected to deliver grouting materials and services for the installation of the BKD-A jacket structure in the Bakau Field off the coast of Miri, East Malaysia. The project involved the grouting of main piles for a four-legged, conductor-supported platform weighing 490 metric tons, designed to support a 690 metric ton topside. The work formed part of a broader oil and gas infrastructure development managed by Petronas Carigali Sdn Bhd.

Project name: BKD-A Jacket Installation
Location: Bakau Field, Offshore Miri, East Malaysia
Year: 2021
Customer: Petronas Carigali Sdn Bhd
Application: Jacket Installation
Product: SikaGrout®-9610

PROJECT REQUIREMENTS

Given the scale of the structure and the water depth of 52 meters, the project required a robust, high-performance grout with rapid early strength development to ensure timely topside installation. Reliable grouting operations and offshore coordination were essential to maintain the project schedule and meet the stringent performance criteria set by the client.

SIKA SOLUTIONS

Sika supplied 84 metric tons of SikaGrout®-9610, a high-performance grout designed for demanding offshore applications. The scope included turnkey delivery with execution of the subsea grouting works, as well as the provision of a skilled offshore crew and specialized grouting equipment.

Throughout the operation, Sika's team managed the offshore mixing and pumping system with precision, ensuring seamless performance without any equipment failure. Compressive strength testing was performed both onsite and in the laboratory to verify quality and confirm that the grout met or exceeded the client's short-term strength development benchmarks.

CUSTOMER BENEFITS

The use of SikaGrout®-9610 played a key role in the success of the project. Its rapid strength gain and shrinkage-compensated properties enabled the client to proceed with the topside installation immediately after grouting, helping maintain project momentum and avoid unnecessary barge time.

Sika's competent crew executed the operation with professionalism and efficiency, earning positive feedback from the client for both material performance and offshore execution. All deliverables were met to a high standard, supporting safe and timely completion of the platform installation.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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