



SIKA AT WORK

BALAM TA2, GROUDED JACKET INSTALLATION, MEXICO

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



BALAM TA2, GROUTED JACKET INSTALLATION, MEXICO



PROJECT DESCRIPTION

Sika was engaged by Permaducto S.A. de C.V. to support the installation of the Balam TA2 platform, a four-legged jacket structure located in the Balam Field in the Gulf of Mexico. Using Sika's proprietary SikaGrout®-9610 High-Performance Cementitious (HPC) grout, the team successfully secured the platform to the seabed at a depth of 55 meters through precise pile-sleeve grouting, ensuring the platform's stability and long-term reliability.

Project name: Balam TA2 Grouted Jacket Installation
Location: Balam Field, Gulf of México
Year: 2022
Application: Jacket installation
Product: SikaGrout®-9610

PROJECT REQUIREMENTS

The Balam TA2 installation required a comprehensive grouting procedure, project documentation, and specialized equipment, including grout material, offshore mixing and pumping systems, grout hoses with 40% contingencies, and quick-connect inlets and outlets for smooth operations. Additionally, a skilled offshore crew was essential, comprising a grouting supervisor, engineer, certified QC technicians, and rigging specialists with the necessary equipment.



SIKA SOLUTIONS

Sika supplied SikaGrout®-9610 HPC grout and developed a custom grouting procedure for the Balam TA2 platform installation. This four-legged pile-sleeve structure with four skirt piles required 22m³ (44 tons) of grout, but 52 tons were used to ensure a strong, reliable installation. Sika provided the offshore crew as well as compressive strength testing results in a final closeout report, meeting the client's requirements.

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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During the offshore operations, the team encountered issues with failing grout seals at the bottom of the annulus. This would have delayed the project, but the team devised an innovative workaround by using a range of aggregates to temporarily block the annulus at the seal level. This solution allowed the grouting to proceed successfully, ensuring the job was completed without any operational downtime.

CUSTOMER BENEFITS

Despite the challenges, Sika's expertise and resourcefulness ensured that the project was completed on time and met the highest standards of safety and quality. The grouting team's ability to adapt to unforeseen issues while keeping project objectives in focus demonstrated their commitment to excellence. The successful resolution of technical difficulties and the timely completion of the project exceeded client expectations.

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