



SIKA AT WORK

GROUTING SERVICES FOR SKIRT PILE JACKET INSTALLATION - PACKAGE A, MEXICO

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



GROUTING SERVICES FOR SKIRT PILE JACKET INSTALLATION – PACKAGE A



PROJECT DESCRIPTION

In June 2020, Sika completed offshore grouting works for a jacket installation project in the Gulf of Mexico, delivering high-performance skirt pile grouting services as part of Package A of the development. The scope comprised the grouting of four skirt piles to secure the jacket structure and ensure reliable load transfer between piles and sleeves.

Sika was engaged by PEMEX, in collaboration with PROTEXA, to execute the offshore grouting works under live offshore conditions and within a defined execution window.

Project name: Grouting Services for Skirt Pile Jacket Installation – Package A, Mexico
Location: Gulf of Mexico, Mexico
Year: 2020
Contractor: Protexa, S.A. de C.V. (PROTEXA)
Customer: Petróleos Mexicanos (PEMEX)
Application: Jacket installation
Product: SikaGrout®-9110

PROJECT REQUIREMENTS

The project required the controlled grouting of four skirt piles at water depths ranging from approximately 31 to 45 meters. The grouting solution needed to deliver high early and long-term strength, reliable flow characteristics, and consistent performance to meet structural and schedule requirements.

In addition to grout placement, the scope included offshore strength testing and full QA/QC support to confirm compliance with project specifications. All activities had to be completed efficiently and safely to minimize offshore time and operational impact.

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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SIKA SOLUTIONS

Sika supplied approximately 40 metric tons of SikaGrout®-9110, a high-performance cementitious grout designed for offshore structural grouting applications. The material was selected for its strength development, flowability, and suitability for skirt pile grouting under offshore exposure conditions.

The scope included the mobilization of offshore grouting equipment, consumables, and a dedicated grouting spread, together with qualified offshore grouting personnel. Sika executed the application of high-strength grout to all four skirt piles, supported by systematic strength testing to verify grout performance.

CUSTOMER BENEFITS

All project deliverables were achieved to a high standard of quality, with the works completed safely and without execution issues. The reliability of Sika's grouting system and offshore execution approach enabled smooth operations and consistent results across all skirt piles.

The project was completed ahead of schedule, delivering time savings for the client while maintaining full compliance with technical and quality requirements. Sika's offshore expertise and proven grouting solutions supported the successful installation of the jacket structure and contributed to overall project efficiency.