



SIKA AT WORK

GROUTING SERVICES FOR ELM-10 CHEEK-A, GULF OF MEXICO

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



GROUTING SERVICES FOR ELM-10 CHEEK-A, GULF OF MEXICO



PROJECT DESCRIPTION

In April 2020, Sika completed offshore grouting works for the ELM-10 CHEEK-A jacket installation in the Gulf of Mexico. The project involved the grouting of four skirt piles to secure the jacket structure, ensuring reliable load transfer and long-term structural integrity under offshore operating conditions.

Sika was contracted by Permaducto, S.A. de C.V. to deliver offshore grouting installation services, including the supply of high-performance grout, specialist equipment, and qualified offshore personnel.

Project name: Grouting Services for ELM-10 CHEEK-A, Gulf of Mexico
Location: Gulf of Mexico, Mexico
Year: 2020
Contractor: Permaducto, S.A. de C.V.
Application: Jacket installation
Product: SikaGrout®-9110

PROJECT REQUIREMENTS

The scope required the controlled injection of high-performance grout into the annular space of four skirt piles associated with the ELM-10 CHEEK-A platform. The grouting operation had to be executed within a constrained offshore footprint, with limited available deck space on the installation vessel.

Key requirements included rapid grout placement, consistent material performance, and on-site compressive strength verification in the presence of the client. All works were required to be completed safely, efficiently, and in full compliance with project quality standards.

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 and installed SikaGrout®-9110, a high-performance cementitious grout engineered for offshore skirt pile grouting applications. A total of approximately 36 metric tons of grout were mixed and injected into four piles within a 10-hour operational window, demonstrating high productivity and controlled placement.

A compact offshore grouting spread was mobilized, allowing execution of the works despite severe space constraints on the vessel. Sika provided all required offshore grouting equipment, consumables, and experienced personnel to support continuous operations.

Compressive strength testing was carried out on site for one day in the presence of the client, providing immediate verification of grout performance and compliance with project specifications.

CUSTOMER BENEFITS

Sika's grouting solution delivered effective structural reinforcement of the offshore jacket installation, ensuring secure pile-to-sleeve connections using a proven high-performance grout.

The small-footprint grouting spread enabled efficient execution in a highly constrained offshore environment, minimizing logistical complexity and vessel deck congestion. All project deliverables were achieved to a high standard of quality, with full client acceptance and satisfaction.

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