



SIKA AT WORK

ELM26 - MULACH B JACKET INSTALLATION, MEXICO

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



ELM26 - MULACH B JACKET INSTALLATION, MEXICO



PROJECT DESCRIPTION

Sika was engaged by Permaducto S.A. de C.V. to support the installation of the ELM 26 platform in the Gulf of Mexico for Pemex. This four-legged pile-sleeve platform, installed at a water depth of 22.5 meters, required advanced infill grouting to secure it to the seabed. Using Sika's proprietary SikaGrout®-9610 High-Performance Cementitious (HPC) grout, the team successfully completed the project with a total calculated annular volume of 14.5m³ (32 MT), ensuring the platform's long-term structural integrity.

Project name: ELM26 - Mulach B Jacket Installation
Location: Mexico
Year: 2023
Application: Jacket installation
Product: SikaGrout®-9610

PROJECT REQUIREMENTS

Sika's responsibilities included developing a detailed grouting procedure and comprehensive project documentation. The team supplied SikaGrout®-9610 HPC grout and SikaGrout® Binder lubrication mix, along with specialized formwork and mixing and pumping equipment. The scope also covered grout hoses with contingencies, quick-connect inlets and outlets, and all necessary rigging tools. Offshore operations were carried out by an experienced crew, including a grouting supervisor and engineer, ensuring precise and efficient execution.

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 provided SikaGrout®-9610 grout material and executed the grouting procedure for the ELM 26 platform installation. The team also conducted compressive strength testing, delivering results in line with the client's requirements and ensuring the project's success.

During the offshore operations, the team encountered issues with failing bottom grout seals, leading to leaks. To address this, gravel was strategically used to block the broken seals, effectively retaining the grout in the correct position. This quick and effective solution ensured that the grouting process proceeded without further delays.

CUSTOMER BENEFITS

Thanks to the grouting team's problem-solving skills and exceptional performance, the project was completed successfully, meeting all deliverables and exceeding client expectations. The client expressed gratitude for the timely and effective delivery, which reinforced the platform's structural stability and ensured long-term reliability.