



SIKA AT WORK

SHWE PROJECT PHASE 3 DEVELOPMENT, SKIRT PILE GROUTING, MYANMAR

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



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PROJECT DESCRIPTION

Sika was engaged by Hyundai Heavy Industries Co. Ltd. (Hyundai) to supply grout material and grouting services for the skirt piles of the Low Pressure Compression Platform. This state-of-the-art platform features gas compressor topside modules supported by a four-legged jacket with two skirt piles per leg. The project required meticulous planning and execution, ensuring the structural stability of this critical offshore infrastructure.

Project name: SHWE Project Phase 3 Development
Location: Myanmar
Year: 2023
Application: Jacket installation
Product: SikaGrout®-9610

PROJECT REQUIREMENTS

Sika's scope of work for the Low Pressure Compression Platform included performing detailed volume calculations and conducting onshore inspections of the grout lines to ensure they were ready for operation.

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

The team supplied 545 MT of SikaGrout®-9610, along with specialized equipment and a qualified grouting team, to execute the grouting of eight skirt piles, each requiring a volume of 17-18 m³ of grout. In addition, onsite quality control checks and laboratory tests were conducted to maintain high standards, while equipment functionality tests ensured the seamless execution of the project.

CUSTOMER BENEFITS

- This project marked a milestone for Sika as the largest platform grouting endeavor undertaken to date, with an exceptionally high grout volume required for each skirt pile. The team overcame logistical challenges by using a 3 inch hose extending 150 meters from the barge to the grout line inlets, significantly reducing pumping time and back pressure.
- The grouting work was completed well ahead of schedule, reducing offshore days and generating significant cost savings for the client.
- The team delivered quality work and carried out the services safely and responsibly.

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