



# SIKA AT WORK

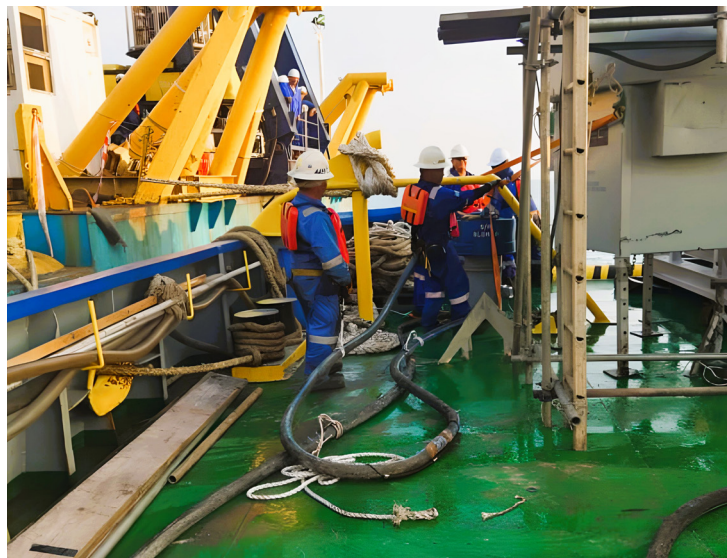
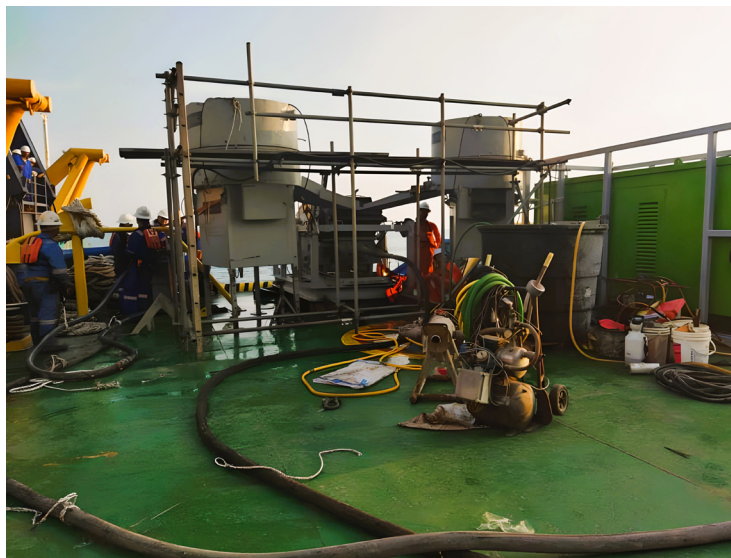
## GROUTING SERVICES FOR PLEM INSTALLATION, MALAYSIA

OFFSHORE & MARINE CONSTRUCTION  
CONVENTIONAL ENERGY

BUILDING TRUST



# GROUTING SERVICES FOR PLEM INSTALLATION, MALAYSIA



## PROJECT DESCRIPTION

In February 2021, Sika was engaged by Sapura Offshore to provide high-performance grouting services for the installation of a Pipeline End Manifold (PLEM) in Port Dickson, Malaysia. The project involved filling the annulus of four pile sleeves to a depth of 35.02 meters with a reliable, high-strength cementitious grout capable of performing in marine environments.

Project name: Grouting Services for PLEM Installation, Malaysia  
Location: Port Dickson, Malaysia  
Year: 2021  
Customer: Sapura Offshore  
Application: Jacket Installation  
Product: SikaGrout®-9610

## PROJECT REQUIREMENTS

The PLEM installation required a proven offshore grout solution with consistent mixing performance, reliable pumping capability, and full compliance with QA/QC documentation standards. With tight tolerances and high strength specifications, the client also required complete material supply, equipment calibration records, and the ability to capture all relevant operational data for review and sign-off.

## SIKA SOLUTIONS

Sika supplied SikaGrout®-9610, a high-performance cementitious grout designed for offshore structural applications. The material was delivered alongside all necessary mixing, pumping, and storage equipment, with a 100% contingency plan in place to safeguard against delays.

A qualified offshore crew, including a grouting supervisor, managed the operations from mobilisation through to installation. Grouting was carried out to the required 35m depth across four pile sleeves, with all QA/QC protocols followed. Calibration certificates for all equipment were provided, and all field data was recorded and validated in line with the project's authorisation procedures.

## CUSTOMER BENEFITS

The installation was executed smoothly and safely, with all deliverables achieved to the satisfaction of the client. From a QA/QC perspective, the output strength of SikaGrout®-9610 exceeded client expectations, ensuring a durable and long-lasting bond between the pile sleeves and foundation structures.

Sika's end-to-end service model – including material supply, technical support, and full documentation – provided the client with confidence, compliance, and peace of mind throughout the PLEM installation process.

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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