



# SIKA AT WORK

## HESS NORTH MALAY BASIN PHASE 4A, SKIRT PILE GROUTING, MALAYSIA

OFFSHORE & MARINE CONSTRUCTION  
CONVENTIONAL ENERGY

BUILDING TRUST



# HESS NORTH MALAY BASIN PHASE 4A, SKIRT PILE GROUTING, MALAYSIA



## PROJECT DESCRIPTION

Sika was engaged by Sapura Offshore Sdn. Bhd. to execute skirt pile grouting for three new wellhead platforms in the North Malay Basin field, offshore Kelantan, Malaysia. Commissioned by HESS Exploration and Production Malaysia B.V., the project involved grouting three skirt piles for each of the tripod jackets supporting the platforms. Sika's proprietary SikaGrout®-9610 High-Performance Cementitious (HPC) grout was applied and pumped through flexible hoses to the inlets at a depth of 64 meters, ensuring robust and durable installations in challenging offshore conditions.

Project name: HESS North Malay Basin Phase 4A  
Location: Malaysia  
Year: 2022  
Application: Jacket installation  
Product: SikaGrout®-9610

## PROJECT REQUIREMENTS

The scope of the project required detailed procedures, documentation as well as supply and delivery of grout material, grouting personnel, equipment and testing.

## SIKA SOLUTIONS

Sika supported the installation of three new wellhead platforms—Kangsar A (WKGA), Dahlia A (WDLA), and Teratai C (WTRC)—each supported by a tripod jacket with three skirt piles. Sika developed detailed grouting procedures and project documentation, along with the supply and delivery of 93 MT of SikaGrout®-9610 and lubrication mix. The team provided six certified grouting personnel for offshore operations, supported by specialized grouting equipment, including grout hoses, couplings, and calibrated QC offshore testing facilities. Comprehensive quality assurance and reporting were integral to the project, with on-site monitoring and daily progress reports, cube testing at multiple intervals (1, 3, 7, 21, and 28 days), and certificates of completion. A final closeout report summarized material usage and documented the grouting process to client specifications.

## CUSTOMER BENEFITS

Sika's experienced team implemented effective solutions to complete the work successfully in a challenging marine environment. All deliverables were achieved on time, meeting client expectations and ensuring the project's success.

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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