

Cabinda South N'Dola IWHP Jacket Installation

Offshore & Marine Construction
Conventional Energy



Sika@Work



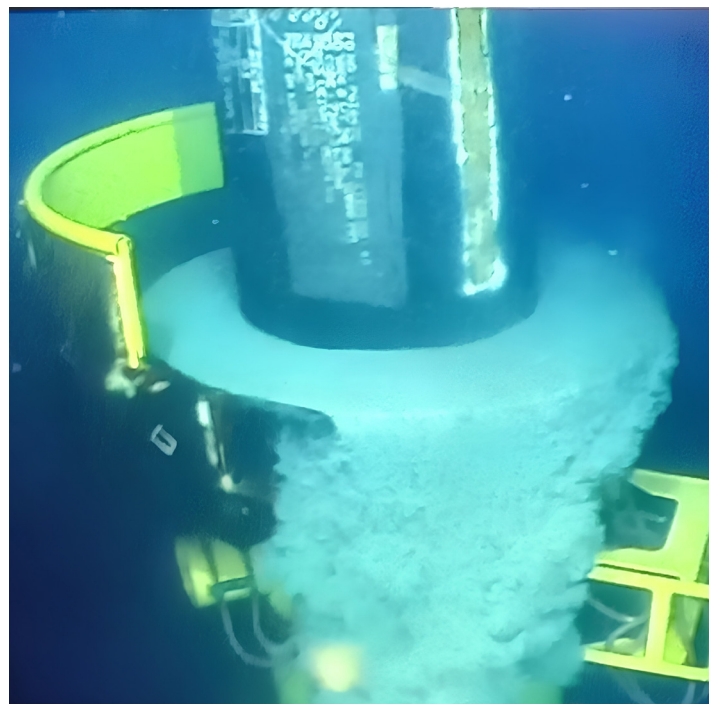
Project description	Project facts	
Between December 2024 and January 2025, Sika provided offshore pile sleeve grouting services for the Cabinda South N'Dola Integrated Wellhead Platform (IWHP) development, located offshore Cabinda, Angola. The project formed part of a greenfield offshore development for Cabinda Gulf Oil Company Ltd.	Project name	Cabinda South N'Dola IWHP Jacket Installation
The scope involved grouting four skirt pile sleeve annuli for the wellhead platform jacket at a water depth of approximately 76 meters. Sika was contracted by Sapura Energy DMCC to deliver a complete offshore grouting package, including materials, equipment, specialist personnel, quality control, and project management.	Location	Cabinda, Angola
	Year	2024 - 2025
	Customer	Cabinda Gulf Oil Company Ltd.
	Contractor	Sapura Energy DMCC
	Application	Jacket installation
The offshore campaign was completed over 35 days, with the grouting operation itself successfully executed in a single day.	Product	SikaGrout®-9610



Project requirements

The project required offshore grouting of four skirt pile sleeve annuli during installation of the integrated wellhead platform jacket. The scope included preparation of all grouting procedures, provision of specialist offshore equipment, mobile laboratory facilities, quality assurance, and experienced offshore personnel to support continuous grouting operations.

Approximately 46.2 metric tons of SikaGrout®-9610 were installed during the campaign and associated lubrication mix were supplied to support the overall project logistics. The project also required comprehensive quality documentation, including on-site monitoring records, daily operational reports, compressive strength testing, equipment certification, and final project close-out documentation.



Sika solutions

Sika supplied a complete offshore grouting solution comprising SikaGrout®-9610, mixing and pumping equipment, grout hoses and valves, a calibrated mobile offshore laboratory, specialist offshore personnel, and full project management services.

The offshore team prepared the project-specific grouting procedures before mobilization and provided continuous quality monitoring throughout the installation campaign. During grouting, key operational parameters including grout volumes, temperatures, pumping times, and material consumption were monitored and recorded to verify compliance with project requirements.

An unexpected customs delay prevented the mobile offshore laboratory from arriving before the grouting operation. To maintain the project schedule, Sika adapted its quality control procedures while continuing the grouting campaign without compromising quality. Once the laboratory arrived offshore the following day, compressive strength testing was completed offshore, eliminating the need to transport samples to an onshore laboratory.

The complete grouting operation for all four skirt piles was successfully completed within a single day without operational issues, demonstrating the efficiency of both the installation methodology and offshore execution.



Customer benefits

The rapid early-strength development of SikaGrout®-9610 enabled compressive strengths exceeding 35 MPa to be achieved at an early age, allowing the client to accelerate installation activities while reducing offshore vessel time and associated project costs.

Despite logistical challenges associated with delayed laboratory mobilization, Sika maintained the installation schedule through effective planning and adaptive project management without compromising quality or project deliverables.

The project was completed with full client acceptance, with all deliverables meeting the required quality standards. The client also recognized the performance of the offshore team and the reliability of Sika's specialist grouting equipment, highlighting both as key contributors to the successful execution of the project.

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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