



SIKA AT WORK

BINHAI SOUTH H3#300 MW OFFSHORE WIND FARM SUBSTATION INSTALLATION

OFFSHORE & MARINE CONSTRUCTION
RENEWABLE ENERGY

BUILDING TRUST



BINHAI SOUTH H3#300 MW OFFSHORE WIND FARM SUBSTATION INSTALLATION



PROJECT DESCRIPTION

Binhai South is an offshore wind farm substation designed by British Atkins UK Co. Ltd. and PowerChina Huadong Engineering Co. Ltd., boasting a total weight of 3,000 metric tons.

Project name: Binhai South H3#300 MW Offshore Wind Farm Installation

Location: 36 km off the coast of Binhai County, Yancheng City, Jiangsu province, China

Year: 2019

Application: Substation foundations

Product: SikaGrout®-9550

PROJECT REQUIREMENTS

The wind farm required grouting of offshore jacket installation. Due to the challenging climate conditions, the project required grout with a compressive strength of 90 MPa prior to installing the topside module onto the jacket structure.

SIKA SOLUTIONS

Sika provided SikaGrout®-9550 grouting materials, equipment and offshore grouting services.

CUSTOMER BENEFITS

- Despite the very low sea temperatures (5°C) during the project execution, the average compressive strength under identical on-site curing conditions exceeded the strength requirements within the first week.
- The grouting team's professionalism and expertise earned high praise from both the main contractor's project manager and the customer. The team's efforts ensured the grouting was completed ahead of schedule, even in challenging weather conditions.

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.



SIKA SERVICES AG

Tueffenwies 16
CH-8048 Zurich
Switzerland

Contact

Phone +41 58 436 40 40
www.sika.com

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