



**CLIENT:** Van Oord and Sofia

**PROJECT:** Custom Spreader Beam Stand for Van Oord and Sofia Offshore Wind Farm

# CASE STUDY

At Lift-Rite, we pride ourselves on delivering tailored solutions that meet the most stringent industry standards. We recently completed a challenging project for our client Van Oord, fabricating and installing a custom spreader beam stand for use at the Sofia Offshore Wind Farm.

## PROJECT OVERVIEW:

The project required rapid turnaround to meet a tight mobilisation window, with strict adherence to EN1090 standards, on-site installation support and comprehensive quality assurance measures.

## KEY REQUIREMENTS:

- **Client-Specific Fabrication:** A custom spreader beam stand designed to exact specifications.
- **EN1090 Compliance:** Manufacturing to the highest standards, ensuring material traceability and proper fabrication qualifications.
- **On-Site Support:** Installation of foundation grillage and deck stiffeners.
- **Quality Assurance:** Extensive Non-Destructive Testing (NDT).
- **Logistics:** Assembled at our facility and responding to a changing logistical brief.

## OUR SOLUTION:

- **Precision Fabrication:** Close collaboration with Van Oord to execute a design that met all specifications.
- **Rigorous Quality Assurance:** Full NDT and load testing.
- **Expert Installation:** On-site support for the installation of foundation grillage and deck stiffeners.
- **Seamless Logistics:** Detailed planning and execution of transport.

## CHALLENGES WE OVERCAME:

- 1 **Tight Lead Time:** Meeting the client's mobilisation window with a rapid turnaround.
- 2 **Standards Compliance:** Ensuring all fabrication adhered to EN1090 standards.
- 3 **Complex Installation:** Providing expert on-site support for crucial installations.
- 4 **Quality Control:** Conducting thorough NDT and load testing.
- 5 **Logistics:** Coordinating components for transport to Port of Tyne.

## THE RESULT:

The project was completed on time, meeting all specifications and industry standards. The spreader beam stand was successfully delivered to Port of Tyne, ready for use at the Sofia Offshore Wind Farm. This project underscores Lift-Rite's commitment to quality, safety, and exceeding client expectations.

## KEY ACHIEVEMENTS:

- **On-Time Delivery:** Seamlessly fitting into the client's mobilisation window.
- **Standards Compliance:** Full adherence to EN1090 standards with complete material traceability.

## Find out more about us:

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