

Yunlin Offshore Wind Farm Project (Taiwan)

KimLift® Synthetic Round Slings

DATE

October 2023

BACKGROUND

Future Synthetics (Middle East) FZC won a contract to design and manufacture a total of 2 heavy lift, synthetic round slings to complement the 30 slings supplied in the previous installation phase in 2022. The slings were used for installing monopiles for the Yunlin Offshore Wind Farm, located in the Taiwan Straits.

The Contractor landed an order to install the remaining monopiles for wind turbine structures for the 640-MW Yunlin wind farm. As many as 80 wind turbines will generate electricity that will be fed into the Taiwanese power grid via two onshore substations near the cities of Taixi and Sihou.

The first turbine was connected to the grid in November 2022 but the completion of the project was delayed by three years due to technical difficulties with the monopile installation.

All slings were made with our trademark *Engineered Length Control*® for strict length compliance. Proof load testing was conducted on our *KimTest 3000t* horizontal test bed in Malaysia – one of the largest in the industry.



Yunlin OWF Project, Taiwan KimLift® Synthetic Round Slings

Pioneering the Future of Heavy Lifting!

SCOPE OF SUPPLY:

2x KimLift® synthetic round slings KLX-1167; MBL 5,564 MT (adjusted for bending diameter) and nominal effective working length 9.50 meters.

Designed, manufactured and tested in Malaysia by Future Synthetics (Malaysia) Sdn Bhd to DNV-ST-N001. Witnessed and certified by ABS.



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