

North Field Production Sustainability (NFPS) Project (Qatar)

Cable Laid Grommet (IMCA M179) – Lot 2

DATE

August 2023

BACKGROUND

Future Synthetics (Middle East) FZC won a contract to design and manufacture a total of 12 cable laid grommets for the NFPS project – Lot 2. The project had been awarded to the Contractor by QatarEnergy LNG for the Engineering, Procurement, Construction and Installation of various offshore facilities for the extraction and transportation of natural gas, including platforms, supporting and connecting structures, subsea cables and anticorrosion internally cladded pipelines. The project also encompasses the decommissioning of a pipeline and other significant modifications to existing offshore facilities.

Pipe-laying and lifting operations was executed by the DE HE vessel in water depths of approximately 65 meters, leveraging on the Contractor's high-end welding technology for corrosion resistant cladded pipelines to meet stringent quality requirements.

The unique length and load capability of our *KimTest 3000t* horizontal test bed in Malaysia was ideally suited to accommodating these long lengths in a full proof load test. As for the grommets in Lot 1, the Lot 2 grommets were exceptionally long for this large diameter and were produced with our trademark *Engineered Length Control*® for strict length compliance.



North Field Production Sustainability Project, Qatar Cable Laid Grommets – Lot 2

Pioneering the Future of Heavy Lifting!

SCOPE OF SUPPLY:

- 1x Steel Wire Rope Cable Laid Grommet dia 261mm with CGBL 6,633 MT; effective working length 96.3 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 261mm with CGBL 6,633 MT; effective working length 96.2 meters.
- 2x Steel Wire Rope Cable Laid Grommets dia 261mm with CGBL 6,633 MT; effective working length 95.9 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 261mm with CGBL 6,633 MT; effective working length 85.7 meters.
- 2x Steel Wire Rope Cable Laid Grommets dia 261mm with CGBL 6,633 MT; effective working length 85.4 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 261mm with CGBL 6,633 MT; effective working length 85.0 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 228mm with CGBL 4,794 MT; effective working length 74.9 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 228mm with CGBL 4,794 MT; effective working length 74.6 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 228mm with CGBL 4,794 MT; effective working length 70.9 meters.
- 1x Steel Wire Rope Cable Laid Grommet dia 228mm with CGBL 4,794 MT; effective working length 70.4 meters.

Grommets designed, manufactured and tested in Malaysia by Future Synthetics (Malaysia) Sdn Bhd to IMCA M179. Testing, packaging and loading witnessed by customer selected third party certifying authority.