

Badamyar Project: 2,000t Topside Heavy Lift

KimLift™ Synthetic Round Slings

DATE

September to December 2016

BACKGROUND

The combination of KTL Offshore's innovative and pioneering technology in synthetic sling development and successful track record in the offshore heavy lift industry resulted in the award to design, manufacture and supply KimLift™ synthetic slings for the Badamyar topside installation project. These slings were selected over traditional steel slings due to their lighter weight which effectively increased the lifting capacity of the crane; as well as due to the difficult nature of the lifting job which involved placing two topside modules side by side on the jacket.

This ground breaking project utilized what we believe to be the largest synthetic slings ever manufactured and used for a topside lift to date. The two modules weighed approximately 2,000 metric tons each and were transported from the fabrication yard in Korea to site in Myanmar with the slings installed. The slings were manufactured as matched sets to 0.25% length tolerance (at load) using KTL's *Engineered Length Control™* technology. Individual proof load testing was conducted using our *KimTest 3000* test bed, one of the largest and longest in the industry.

The topsides were installed in somewhat adverse weather conditions and both were completely suspended between hook and jacket using the KimLift™ slings for up to five hours. The lifting and mating of both modules was completed successfully and without major incident. From a sling perspective, this project was the result of years of R&D, engineering and experience combining to deliver a spectacular result. It also demonstrated the suitability of KimLift™ synthetic slings for the most critical offshore lifting operation!



Badamyar Project, Myanmar KimLift™ Synthetic Round Slings

Pioneering the Future of Heavy Lifting!



SCOPE OF SUPPLY:

2x KimLift™ synthetic round slings KLX-1088; MBL 5,439 MT and nominal effective working length 25.257 meters.

2x KimLift™ synthetic round slings KLX-1088; MBL 5,439 MT and nominal effective working length 24.165 meters.

2x KimLift™ synthetic round slings KLX-968; MBL 4,759 MT and nominal effective working length 17.452 meters.

1x KimLift™ synthetic round sling KLX-968; MBL 4,841 MT and nominal effective working length 17.466 meters.

1x KimLift™ synthetic round sling KLX-968; MBL 4,841 MT and nominal effective working length 17.493 meters.

2x KimLift™ synthetic round slings KLX-968; MBL 4,759 MT and nominal effective working length 17.508 meters.

1x KimLift™ synthetic round sling KLX-968; MBL 4,759 MT and nominal effective working length 17.677 meters.

1x KimLift™ synthetic round sling KLX-968; MBL 4,759 MT and nominal effective working length 18.036 meters.

Designed and manufactured in Singapore and tested in Malaysia to DNV-OS-H205 by KTL Offshore. Witnessed and/or certified by DNV and ABS.



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