



**BUREAU
VERITAS**

INDUSTRY & FACILITIES

TYPE APPROVAL CERTIFICATE

BV File n° CA 13382/LAAM OFFSHORE

Type Approval n° **MAC/15/00823 – A1 - BV**

Owner/Manufacturer: **LAAM OFFSHORE INDÚSTRIA COMÉRCIO E SERVIÇOS DE CABOS DE AÇO LTDA.**

Name and address of the factory: LAAM OFFSHORE - Avenida Tenente Coronel Ubirajara Barreto, n° 707, Quadra 25, Lote 11.

Type description

- designation: Lifting Sets for Offshore Containers.
- type designation: Wire rope and Accessories and for Offshore Containers.
- Certification standards: IMO MSC/Circ.860, EN 12079-2:2006 and EN13414-1
- type of application: 1, 2, 3 and 4 part Lifting Sets for Offshore Containers

with Maximum Gross Mass up to 25.000 kg, including forerunner if applicable.

Conclusion

After examination of the following documents:

- Inspection test LAMM Offshore n° PIT-001 rev.01, dated from March 12th 2015;
- Manufacturing Survey Arrangement n° MAC/15/00822 Rev1, dated from May 02th 2018;
- Checklist – Recognition MSA – n° MAC/15/00820, dated from February 06th 2015.

the undersigned, Inspector to Bureau Veritas, certifies that the above type meets the applicable requirements of IMO MSC/Circ.860:1998, EN 12079-2:2006 and EN 13414-1: 2003+A2:2008.

This approval remains valid as long as no significant changes are made to the facility, its production rate and its quality system in force. These conditions are assessed during each inspection of series.

This Certificate is valid until May30th, 2018.

This approval is an integral and in dissociable part of the Certification process of offshore containers by Bureau Veritas as defined in BV procedure GM SI 121.

Edson Robadei Dias

Issued by Edson Robadei Dias

Checked by Edson Robadei

Date of issue: April 02th, 2018

Inspection Centre: BV Macaé