

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:**That****CABLES Y ALAMBRES ESPECIALES,S.A.
Erandio, VIZCAYA, Spain**is an approved manufacturer of
Steel Wire Ropesin accordance with
**Det Norske Veritas' Rules for Classification Pt. 3
DNV-OS-E304 Offshore Steel Wire Ropes**

and the following particulars:

Products	Steel wire ropes for ship towlines and mooring lines, Steel wire ropes for mobile offshore mooring
Constructions	See page two
Max. Diameter	See page two

This Certificate is valid until **2018-06-30**.Issued at **Høvik** on **2015-08-16**DNV GL local station: **Bilbao**Approval Engineer: **Sastry Yagnanna Kandukuri**for **DNV GL**

**Hanne Anita Hjerpetjønn
Head of Section**

Particulars of the approval

Steel wire ropes for ship towlines and mooring lines

Construction Group^{1),2)}	Max. Diameter (mm)
6x7	24
6x19	150
6x37	150
8x19	48
8x37	48
17x7	24
34x7	48

Remarks:

- 1) Including other constructions in the construction or classification group.
- 2) Requirements for construction groups that are not covered in Pt.3 shall be in accordance with a relevant recognized international standard or an approved specification.

Steel wire ropes for mobile offshore mooring

Classification^{1),2)}	Max. Diameter (mm)
6x61	116

Remarks:

- 1) Classification and min. breaking force acc. to ISO 17893 and API 9A
- 2) Including other constructions in classification group.