

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000ZU

This is to certify:

That

**Brunton Shaw UK Ltd.
Worksop Nottinghamshire, United Kingdom**

is an approved manufacturer of
Steel Wire Ropes

in accordance with
**DNV GL rules for classification – Ships
DNV-OS-E304 Offshore Mooring 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

Manufacturer approved by this certificate is accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Høvik** on **2016-10-21**

for **DNV GL**

This Certificate is valid until **2019-10-20**.

DNV GL local station: **Manchester**

Approval Engineer: **Sastry Yagnanna Kandukuri**

Hanne Anita Hjerpetjønn
Head of Section

Job Id: **263.11-005535-1**
Certificate No: **AMMM00000ZU**

Particulars of the approval

Steel wire ropes for ship towlines & mooring lines and mobile offshore mooring

Construction Group^{1),2)}	Max. Diameter (mm)
56x7	152

Remarks:

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