

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000ZU
Revision No:
1

This is to certify:

That

Brunton Shaw UK
Sandy Lane, S80 3ES Worksop, Nottinghamshire, United Kingdom

is an approved manufacturer of
Steel Wire Ropes

in accordance with
DNV GL rules for classification – Ships
DNVGL-OS-E304 – Offshore mooring steel wire ropes, Edition July 2015

and the following particulars:

Product	Steel wire ropes for ship towlines and mooring lines Steel wire ropes for mobile offshore mooring
Construction	See page 2
Max. Diameter	152 mm

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 **2019-11-05**

for **DNV GL**

This Certificate is valid until **2022-10-20**.

DNV GL local station: **Manchester**

Approval Engineer: **Shylate Mahachi**

Hanne Anita Hjerpetjønn
Head of Section



Job Id: **263.11-005535-2**
Certificate No: **AMMM00000ZU**
Revision No: **1**

Particulars of the approval

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

Rope group	Rope construction	Core type	Rope grade [N/mm ²]	Max. Diameter [mm]
56xK7	56xK7	WSC	1770-2160	152

Remarks:

- 1) Surface finish can be bright or galvanised
- 2) Rope class and construction as per ISO 17893 or API 9A.