

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Cleats

with type designation(s)
Sabre, Falcon

Issued to
CMP Products Limited
Northumberland, United Kingdom

is found to comply with
DNV GL rules for classification – Ships and offshore units

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2021-03-20**.

Issued at **Høvik** on **2016-03-21**

DNV GL local station: **Newcastle-upon-Tyne**

Approval Engineer: **Marta Alonso Pontes**

for **DNV GL**

Marit Laumann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

Sabre: One bolt single cable cleat

Classification	According to IEC 61914: 2009
Material	Non-metallic
Max and min temperature	-40 °C to +60°C
Resistance to impact	Very heavy
Resistance to electromechanical forces	Lateral and axial retention, withstanding more than one short circuit.
Needle flame test	120s
Resistance to UV light	No cracks or damage

Part No.	Cable diameter (mm)
1BC1013	10 - 13
1BC1316	13 - 16
1BC1619	16 - 19
1BC1923	19 - 23
1BC2327	23 - 27
1BC2732	27 - 32
1BC3238	32 - 38
1BC3846	38 - 46
1BC4651	46 - 51
1BC5157	51 - 57

Falcon: Two bolt single cable cleat

Classification	According to IEC 61914: 2009
Material	Non-metallic
Max and min temperature	-40 °C to +60°C
Resistance to impact	Very heavy
Resistance to electromechanical forces	Lateral and axial retention, withstanding more than one short circuit.
Needle flame test	120s
Resistance to UV light	No cracks or damage

Part No.	Cable diameter (mm)
2BC038048	38 - 48
2BC048058	48 - 58
2BC058070	58 - 70
2BC070083	70 - 83
2BC083097	83 - 97
2BC096109	96 - 109
2BC106120	106 - 120
2BC120135	120 - 135

Application/Limitation

The manufacturer's instructions shall be followed

Job Id: **262.1-016742-1**
Certificate No: **TAE00000JC**

Type Approval documentation

Datasheets and test reports in documents referred to in Approval letters:

MCANO381/PONT/262.1-016742-J-17 dated 2015-08-04
MCANO381/PONT/262.1-016742-J-25 dated 2015-09-10
MCANO381/PONT/262.1-016742-J-29 dated 2015-10-06
MCANO381/PONT/262.1-016742-J-42 dated 2016-03-18

Tests carried out

Type tests according to IEC 61914:2009

Marking of product

Manufacturer name – Type designation – Product identification

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment to be performed at least every second year.

END OF CERTIFICATE