

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB0001N55
Revision no.:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

that the **Portable fire extinguishers**

with type designation(s)
FEX101, FEX103, FEX111, and FEX112

issued to

Steel Recon Industries Sdn. Bhd.
Subang Jaya, Malaysia

is found to comply with the Regulation (UK) **MSN 1874 Amendment 10** for
Item no. **UK/3.2 (Row 2 of 2)**

according to the following requirements:

SOLAS 74 Reg. II-2/4, SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. II-2/18, SOLAS 74 Reg. II-2/19, SOLAS 74 Reg. II-2/20, IMO Res. A.951(23), IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.98(73)-(FSS Code) 4, IMO Res. MSC.391(95)-(IGF Code) 11, IMO MSC/Circ.1239, IMO MSC/Circ.1275, SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. X/3, IMO Res. MSC.98(73)-(FSS Code) 4

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-08-13**

Expiry date: **2030-08-12**

DNV local unit:
Kuala Lumpur Verification



for **DNV UK Ltd.**

Approval Engineer:
Helge Bjørnarå

Approved Body No.: **0097**

Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"The Mark of Conformity" may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

"FEX101, FEX103, FEX111, and FEX112",
portable water-based fire extinguisher of size 9 L.

Please see Appendix: Product Description

Application/Limitation

Approved for use as a portable water-based fire extinguisher.

The extinguishers are not to be used on live electrical equipment.

Cylinder is to be PED approved and marked accordingly.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Tests carried out

Tested according to EN 3-7:2004+A1:2007 and EN 3-8:2021.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, the UK Mark of Conformity (see first page) and in accordance with EN 3-7, Ch.16.2 and EN 3-8, Ch.6.

APPENDIX

Product Description

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Type	Fire rating	Temperature range [°C]	Extinguishing medium	Charge size	Assembly drawing No.
FEX101	13A	+5 to +60	Water Stored Pressure	9 L	DR^FEX101-MS-9LT-RD^2^05
FEX103	21A, 183B	+5 to +60	Foam Stored Pressure	9 L	DR^FEX103-MS-9LT-RD^2^03
FEX111	13A	+5 to +60	Water Cartridge Operated	9 L	DR^FEX111-MS-9LT-RD^2^05
FEX112	13A, 183B	+5 to +60	Foam Cartridge Operated	9 L	DR^FEX112-MS-9LT-RD^2^06