

# TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:  
**MEDB00008MW**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

## This is to certify:

that the **Portable fire-extinguishing equipment for lifeboats and rescue boats**

with type designation(s)  
**FEX182, and FEX183**

issued to

**Steel Recon Industries Sdn. Bhd.**  
**Subang Jaya, Selangor, Malaysia**

is found to comply with the requirements in the following Regulations/Standards:

Regulation (EU) 2024/1975,

item No. MED/3.38. SOLAS 74, Regulation III/4, III/34 & X/3, IMO Res. A.951(23), LSA Code I,V,IV and 2000 HSC Code 8

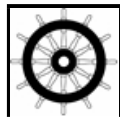
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2030-03-23**.

Issued at **Høvik** on **2025-03-24**

DNV local unit:  
**Kuala Lumpur Verification**

Approval Engineer:  
**Helge Bjørnarå**



Notified Body  
No.: **0575**



for **DNV AS**

Digitally Signed By:  
**Christine Mydlak-Röder**  
Location: **DNV Høvik, Norway**  
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**Mydlak-Röder, Christine**  
**Head of Notified 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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.  
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.  
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

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

“FEX182, and FEX183”,  
 portable carbon dioxide fire extinguishers of size 2 kg and 5 kg.

Type	Fire rating	Temperature range [°C]	Extinguishing medium	Charge size	Assembly drawing No.
FEX182	34B	-20 to +60	CO2 (CS cylinder)	2 kg	DR^FEX182-CS-020-RD^2^02
FEX183	55B	-20 to +60	CO2 (CS cylinder)	5 kg	DR^FEX183-CS-050-RD^2^02

### Application/Limitation

Approved for use as a portable carbon dioxide fire extinguisher for lifeboats and rescue boats.

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

Type	Manual	Test reports	Test reports
		EN 3-7:2004 A1:2007	EN 3-9:2006 +A1:2007
FEX182	Installation, Operation and Maintenance Manual from SRI	285/4174568 Model FEX182 8650789 (16 of 18)	285/4174568 Model FEX182
FEX183	Installation, Operation and Maintenance Manual from SRI	285/4174568 Model FEX183 3445102 (2 of 2)	285/4174568 Model FEX183

### Tests carried out

Tested according to EN 3-7:2004+A1:2007 and EN 3-9:2006+A1:2007.

### Marking of product

The product is to be marked with name and address of manufacturer, type designation, the MED Mark of Conformity (see first page) and in accordance with EN 3-7, Ch.16.2 and EN 3-9, Ch.8.