DNV·GL

Certificate No:
MEDB00004TU

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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 GL 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)
Presto Fire Extinguishers for lifeboats and rescue boats

Issued to
Presto Brandsäkerhet AB
Katrineholm, Södermanlands Län, Sweden

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773,**
item No. MED/3.38. SOLAS 74, Regulation III/4, III/34 & X/3, IMO Res. A.951(23), LSA Code and 2000 HSC Code 8

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

This Certificate is valid until **2024-01-10**.

Issued at **Høvik** on **2019-01-11**

DNV GL local station:
Stockholm

Approval Engineer:
Nathaniel Frithiof

Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
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 GL 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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Product description
"Presto Fire Extinguishers for lifeboats and rescue boats"
For different types, fire rating and fire extinguishing medium used, see appendix to this certificate.

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

Extinguishers of size less than 9 L foam, 5 kg CO2 or 5 kg powder may only be used when accepted by the flag.

Type Examination documentation
See appendix to this certificate.

Tests carried out
Tested according to EN-3:7-9.

Marking of product
The product is to be marked with name and address of manufacturer, type designation and the MED Mark of Conformity (see first page) and to be in accordance with EN 3-7, Ch. 16.

Appendix

to EC Type – Examination Certificate. MEDB00004TU

Product description/ Product name	Charge Volume	Temperature range (°C)	Fire Rating	Extinguishing Medium	Main Drawings
P1GS	1kg	-30 to +60	8A, 55B	Prestolit ABC	RH30037
PG2/P2GS	2 Kg	-30 to +60	13A, 89B	Prestolit ABC	RH30023
P2P	2 kg	-30 to +60	13A, 89B	Prestolit ABC	RH50101
PG3/P3GS	3 Kg	-30 to +60	21A, 144B	Prestolit ABC	RH30038
PG4/P4GS	4 Kg	-30 to +60	27A, 233B	Prestolit ABC	RH30042
K2	2 Kg	-30 to +60	34B	CO2	RH30048
K2S	2 Kg	-30 to +60	34B	CO2	RH30035

Type Examination documentation

Test reports and component drawings are stated in Technical documentation dated 5 September 2013 from Presto Brandsäkerhet AB.

Presto-Ruihua model range (drawing and test reports) dated 5 September 2013.

Alternative brand-names, Annex 1-7 (2 pages per annex) dated 5 September 2018 from the manufacturer.