

# Type Examination Certificate

This is to certify that:

Ningbo Kaixuan Fire Control Equipment  
Co.,Ltd  
NO.999 Zhonghe Road,  
Huangjiabu Town,  
Yuyao City  
Zhejiang  
China

Holds Certificate Number:

BSI/MED/3.2/756478

In respect of:

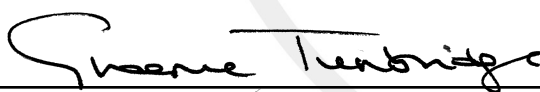
**MED/3.2**  
**Portable Fire Extinguisher**

**Product - Foam Fire Extinguisher, see attached Schedule of Approval for list of Models.**

**Specified Standards - EN 3-7:2004 + A1:2007, EN 3-8:2021, EN 3-10:2009.**

On the basis that BSI carried out the relevant EU type examination procedures for the equipment identified above which was found to be in compliance with the Marine Equipment Directive (MED) 2014/90/EU as amended, subject to any conditions in the schedule attached hereto. The attached schedule of approval forms part of this certificate.

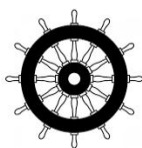
For and on behalf of BSI, a Notified  
Body for the above Directive  
(Notified Body Number 2797):

  
Graeme Tunbridge, Senior Vice President Global Regulatory & Quality

First Issued: 2021-11-01

Latest Issue: 2024-11-01

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## Schedule of Approval

### Product Designation:

MODEL	DESCRIPTION
FT01-06A-00/CE1A	6 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 21A & 144B
FT01-06A(MOD2)-00/CE1	6 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 21A & 183B
FT01-06D-00/CE1	6 litre AFFF foam, cartridge operated Fire Extinguisher, Fire rating 13A & 144B
FT01-06E(MOD2)-00/CE1	6 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 21A & 183B
FT01-09A(MOD2)-00/CE1	9 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 27A & 233B
FT01-09D-00/CE1	9 litre AFFF foam, cartridge operated Fire Extinguisher, Fire rating 21A & 183B
FT01-09E(MOD2)-00	9 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 27A & 233B
FT01-06A-00/CE1	6 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 13A & 144B
FT01-06E-00	6 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 13A & 144B – Stainless Steel Cylinder
FT01-06A(MOD4)-00/CE1	6 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 13A & 144B
FT01-09A-00/CE1	9 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 21A & 233B
FT01-09E-00	9 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 21A & 233B – Stainless Steel Cylinder
FT01-09A(MOD4)-00/CE1	9 litre AFFF foam with stored pressure Fire Extinguisher, Fire rating 21A & 233B
FT01-06A(REV.4)-00	6 litre Wet Chemical with stored pressure Fire Extinguisher, Fire rating 13A and 75F
FT01-06A(REV.8)-00	6 litre Wet Chemical with stored pressure Fire Extinguisher, Fire rating 13A and 75F
FT01-09A(REV.4)-00	9 litre Wet Chemical with stored pressure Fire Extinguisher, Fire rating 13A and 75F
FT01-09A(REV.4)-00A	9 litre Wet Chemical with stored pressure Fire Extinguisher, Fire rating 21A and 75F
FT01-09A(REV.8)-00	9 litre Wet Chemical with stored pressure Fire Extinguisher, Fire rating 13A and 75F

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## Schedule of Approval

### Approval Documentation that forms part of this certification:

DRAWING NO	REV/ISSUE	DATE	DESCRIPTION
FT01-06A-00/CE1A	A/0	10/08/2022	6l AFFF Fire Extinguisher General Assembly Drawing
FT01-06A-(MOD2)-122-00	A/0	10/08/2022	Cylinder Drawing
KX02-019Q-00A14	A/0	09/03/2019	Valve Drawing
FT01-06A(MOD2)-00/CE1	A/0	10/08/2022	6l AFFF Fire Extinguisher General Assembly Drawing
FT01-06A-(MOD2)-122-00	A/0	10/08/2022	Cylinder Drawing
KX02-019Q-00A14	A/0	09/03/2019	Valve Drawing
FT01-06D-00/CE1	A/0	04/03/2020	6l AFFF Fire Extinguisher General Assembly Drawing
FT01-06D-122-00/CE1	A/0	04/03/2020	Cylinder Drawing
KX05-008N-00CE2	A/0	04/03/2020	Valve Drawing
FT01-06E(MOD2)-00/CE1	A/0	10/08/2022	6l AFFF Fire Extinguisher General Assembly Drawing
FT01-06E(MOD2)-00	A/0	08/03/2019	Cylinder Drawing
KX02-019Q-00A14	A/0	09/03/2019	Valve Drawing
FT01-09A(MOD2)-00/CE1	A/0	10/08/2022	9l AFFF Fire Extinguisher General Assembly Drawing
FT01-09A(MOD2)-122-00	A/0	10/08/2022	Cylinder Drawing
KX02-019Q-00A14	A/0	09/03/2019	Valve Drawing
FT01-09D-00/CE1	A/0	04/04/2020	9l AFFF Fire Extinguisher General Assembly Drawing
FT01-09D-122-00CE1	A/0	04/03/2020	Cylinder Drawing
KX05-008N-00CE2	A/0	04/03/2020	Valve Drawing
FT01-09E(MOD2)-00	A/0	10/05/2022	9l AFFF Fire Extinguisher General Assembly Drawing
FT01-09E-122-00	A/0	08/03/2019	Cylinder Drawing
KX02-019Q-00A14	A/0	09/03/2019	Valve Drawing
FT01-06A-00/CE1	A/0	07/03/2019	6l AFFF Fire Extinguisher General Assembly Drawing
FT01-06A-122-00	A/0	07/03/2019	Cylinder Drawing
KX02-090H-00	A/0	07/03/2019	Valve Drawing

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FT01-06E-00	A/0	08/03/2019	6l AFFF Fire Extinguisher General Assembly Drawing
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## Schedule of Approval

### Approval Documentation that forms part of this certification (continued):

SS01PACB060B1.0/3	1	21/03/2014	Cylinder Drawing
KX02-019Q-00I	A/0	08/03/2019	Valve Drawing
FT01-06A(MOD4)-00/CE1	A/0	07/07/2023	6l AFFF Fire Extinguisher General Assembly Drawing
FT01-06A-122-00	A/0	07/03/2019	Cylinder Drawing
KX02-090H(REV.2)-00	A/1	22/03/2019	Valve Drawing
FT01-09A-00/CE1	A/0	08/03/2019	9l AFFF Fire Extinguisher General Assembly Drawing
FT01-09A-122-00	A/0	08/03/2019	Cylinder Drawing
KX02-090H-00	A/0	07/03/2019	Valve Drawing
FT01-09E-00	A/0	08/03/2019	9l AFFF Fire Extinguisher General Assembly Drawing
SS01PACB090B1.03	1	21/03/2014	Cylinder Drawing
KX02-019Q-00I	A/0	08/03/2019	Valve Drawing
FT01-09A(MOD4)-00/CE1	A/0	07/07/2023	9l AFFF Fire Extinguisher General Assembly Drawing
FT01-09A-122-00	A/0	08/03/2019	Cylinder Drawing
KX02-09H(REV.2)-00	A/1	22/03/2019	Valve Drawing
FT01-06A(REV.4)-00	A/0	09/03/2019	6l Wet Chemical Fire Extinguisher General Assembly Drawing
FT01-06A (REV.4)-122-00	A/0	09/03/2019	Cylinder Drawing
KX02-189-00A	A/0	09/03/2019	Valve Drawing
FT01-06A(REV.8)-00	A/0	15/07/2023	6l Wet Chemical Fire Extinguisher General Assembly Drawing
FT01-06A(REV.4)-122-00	A/0	09/03/2019	Cylinder Drawing
KX02-090H(REV.2)-00	A/1	22/03/2019	Valve Drawing
FT01-09A(REV.4)-00	A/0	09/03/2019	9l Wet Chemical Fire Extinguisher General Assembly Drawing
FT01-09A (REV.4)-122-00	A/0	09/03/2019	Cylinder Drawing
KX02-189-00A	A/0	09/03/2019	Valve Drawing

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## Schedule of Approval

### Approval Documentation that forms part of this certification (continued):

FT01-09A(REV.4)-00A	A/0	09/03/2019	6l Wet Chemical Fire Extinguisher General Assembly Drawing
FT01-09A (REV.4)-122-00	A/0	09/03/2019	Cylinder Drawing
KX02-189-00A	A/0	09/03/2019	Valve Drawing
FT01-09A(REV.8)-00	A/0	15/07/2023	9l Wet Chemical Fire Extinguisher General Assembly Drawing
FT01-09A(REV.4)-122-00	A/0	09/03/2019	Cylinder Drawing
KX02-090H(REV.2)-00	A/1	22/03/2019	Valve Drawing
<b>SUPPORTING DOCUMENTATION</b>			
Technical File	Q/FT31035-2019 Rev A/4, BSI Ref - 3060777, 3290500, 3508727, 3508759, 3875122, 30225810, 3984096 3 of 4, 3084096 4 of 4.		
Test Report	BSI Test Reports - 2244/7685896 & 2244/8197011, 2244/8594613		

The products were assessed against the requirements of the Marine Equipment Directive 2014/90(EU) as amended & 2023/1667(EU) (MED/3.2 Row 2 of 2).

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### Certificate Amendment Record and BSI internal Review relating to this Certificate

Issue date	Comments	BSI Review No.
October 2021	First Issue	2797:21:3508784
November 2021	Correction to Notified Body Number & Signatory	2797:21:0000000
April 2023	Re-issue to include additional models	2797:23:3875125
November 2024	Re-issue to include additional models	2797:24:30225814

### Conditions of Certification

- i) This certificate remains valid unless cancelled or revoked, provided the conditions listed below are complied with and the equipment remains satisfactory in service.
- ii) The equipment detailed on page 1 on this certificate is to be manufactured in accordance with Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive.
- iii) SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. X/3, SOLAS 74 Reg. II-2/4, 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.97(73)-(2000 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 requirements, as applicable.
- iv) The certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the Notified Body named on this certificate.
- v) Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to them being placed on board vessels to which the amended regulations or standards apply.
- vi) Production tests are to be conducted in accordance with the applicable requirements of the IMO Resolutions and applicable standards and be recorded by the manufacturer in accordance with the approved Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive.
- vii) Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".
- viii) Detailed User instructions are to be provided with each product.

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