



Marine Equipment Directive (2014/90/EU)

Certificate

Quality System (Module D)

Manufacturer



Stenhouse Equipment (Safety) Ltd.
www.stenhouse-safety.co.uk
james@stenhouse-safety.co.uk

The manufacturer maintains and applies a quality system in accordance with the requirements of the Marine Equipment Directive Annex II, Module D.

Scope

MED/3.3 Firefighter's outfit: protective clothing (close proximity clothing)

Issued by: BTTG™ (Notified Body No. 0338)

Certificate Number: 53146

First issue: 06 December 2019

Date of Issue: 06 December 2019

Expiry: 24 November 2023

Authorised by

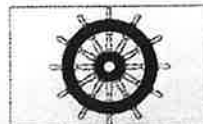
C A Butcher

Certification Manager

The attached schedule of approval forms part of this certificate.
This certificate remains valid unless suspended, expired or withdrawn.
This certificate is issued under the authority of the Maritime and Coastguard Agency.



Notified Body authorised by the MCA



0338

Note: The validity of this certificate can be confirmed by contacting the Issuing Office:
BTTG™, Unit 6 Wheel Forge Way, Trafford Park, Manchester, M17 1EH, United Kingdom
Tel: +44 (0)161 876 4211 email: ppe@bttg.co.uk website: www.bttg.co.uk



Notified Body authorised by the MCA

EC Type-Examination Certificate (Module B)

This is to certify that BTTG Testing & Certification Ltd, specified as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 1999, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Fire protection requirements of Marine Equipment Directive (MED) 96/98/EC, as amended, last amended by Directives 2002/84/EC and (EU) 2015/559, subject to any conditions in the schedule attached hereto.

Manufacturer: Stenhouse Equipment Safety Ltd
Address: SECO Works
Cannon Street
Hull
East Yorkshire
HU2 0AE

Annex A1 Item: A.1/3.3 Firefighter's outfit: protective clothing (close proximity clothing)



Product Code: SECO Fire Cheater

Product Description: Fireman's Suit

Specified Standard: EN 469 (2005) including A1 (2006) and AC (2006)

The attached schedule of approval forms part of this certificate. This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

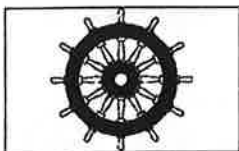
Date originally issued: 21 April 2011 **Certificate No:** 53031/1
Date this certificate issued: 24 June 2016 (for revision details see page 2)
Expiry date: 24 June 2021 **Issued by:** BTTG Testing & Certification Ltd
Notified Body No. 0338

Signed:  J L Wilson
Certification Officer
Senior Certification Officer:  C A Butcher
BTTG Testing & Certification Ltd

Note: This 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.

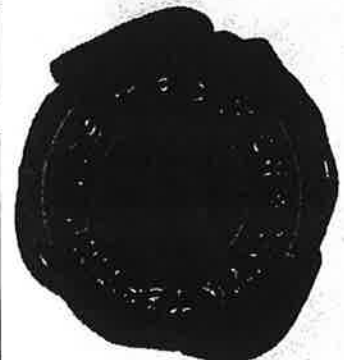
Note 1: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 2:



xxxx/yy

This certificate does not authorize the use of the Mark of Conformity, which may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production/product assessment module (D, E, or F), ANNEX B of the Directive is fully complied with and controlled by a written agreement with a notified body.
yy Last two digits of year mark affixed.
xxxx Notified Body number undertaking surveillance module



BTTG Testing & Certification Ltd. Registered Office: Unit 14, Wheel Forge Way, Trafford Park, Manchester M17 1EH, United Kingdom.
Registered in England No. 4669650. Tel: +44 (0)161 873 6543 Fax: +44 (0)161 848 7378 E-mail: info@btg.co.uk 53101

Schedule of Approval

Date originally issued: **21 April 2011** Certificate No: **53031/1**
Date this certificate issued: **24 June 2016**
Expiry date: **24 June 2021** Issued by: **BTTG Testing & Certification Ltd**
Notified Body No. 0338

Stenhouse Equipment Safety Ltd

Reissue of Certificate

The Certificate was reissued on to include an additional material assembly and updated test reports.

Conditions of Certification

International instruments

- SOLAS 74 (as amended) Regulation II-2/10
- SOLAS 74 (as amended) Regulation X/3
- IMO Resolution MSC.98(73)-(FSS code) 3

- SOLAS 74 (as amended) Regulation II-2/10
- IMO Resolution MSC.36(63)-(1994 HSC code) 7
- IMO Resolution MSC.97(73)-(2000 HSC code) 7
- IMO Resolution MSC.98(73)-(FSS code) 3

Description of product

Fireman's Suit conforming to Levels: Xf2 Xr2 Y2 Z2, and consisting of:

SECO Fire Cheater

Available in the following materials:

Outer Shell:	93% Nomex / 5% Kevlar / 2% P140; Twill Weave (200 g/m²)	FNM0036
Moisture Barrier:	70% Conex / 30% Twaron laminated to FR PTFE membrane (70 g/m²)	HPT0005
Thermal Lining:	95% Nomex / 5% Kevlar (150 g/m²) quilted to 50% Nomex / 50% FR Viscose (130 g/m²)	ZNM0001 LVB0003
Features:	3M Scotchlite Reflective Material – 9587 Fluorescent line-yellow Fire Coat Trim	

Or

Outer Shell:	93% meta-aramid / 5% para-aramid / 2% antistatic (210 g/m²) (Navy)	SXBD602
Moisture Barrier:	80% aramid / 20% kevlar laminated to FR PTFE (110 g/m²)	ACTMB00002
Thermal Lining:	90% meta-aramid / 10% para-aramid (2 layer) (85 g/m²) quilted to 50% meta-aramid / 50% FR Viscose (120 g/m²) (Grey)	AHFB00009
Features:	Yellow / Silver / Yellow reflective material	RCNFR00008

CONTINUED ON PAGE 3



Schedule of Approval (continued)

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Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The hardware on the garment was tested to Clause 6.1 of EN 469:2005 (Flame Spread), but with the method modified by the procedure detailed in the Co-ordination of PPE Notified Bodies 'Recommendation For Use' sheet No. 21-013, approved by Vertical Group 5 on 09/05/2006. The recommended method is to apply the flame to the outer surface of the region of clothing containing the hardware, if that hardware is concealed from flame in use, rather than to apply the flame directly to the hardware, as specified in EN 469. Using the procedure detailed above, all of the hardware on the garment meets the requirements of 6.1.6 of EN 469:2005, i.e. the hardware functions after the test.

Observations

- The Fire Jacket and Fire Trousers, when worn together, meet the requirements of Annexes B.1 and B.2 of EN 469:2005 (Visibility) for area of retroreflective and fluorescent respectively, as required by Clause 6.14 of EN 469. The area of material was calculated as 0.13 m² of retroreflective and 0.23 m² of fluorescent.

CONTINUED ON PAGE 4



Schedule of Approval (continued)

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Documentation submitted (Technical File – SECO Fire Cheater):

Approval Documents

- Design report Nos. 52698/B/CS; 521457/A/CS
- Ergonomic Assessment test report No. 30/04465/5
- Component Assembly test report No. 30/07748/1; 30/06827/6
- Materials test report Nos. 30/04465/2; 30/04465/4; 30/07748/2; 30/06827/3; 30/06827/5; 30/06827/4
- Hardware test report Nos. 30/04465/3; 30/07748/3; 30/06827/7
- Visibility test report Nos. TR307/36287; 6791/7/STC004; SPC0187510/1038/2
- Innocuousness test report Nos. 162801; 1329/05; 29/00474/01/14
- Inspection Report No. 53031/A

Product Documentation

- Component list
- Drawings
- ISO 9001 certificate for manufacturer
- User instructions
- Labelling

CONTINUED ON PAGE 5



Schedule of Approval (continued)

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Terms and Conditions associated with the issue of this EC Type-Examination Certificate

1. This certificate is issued subject to BTTG's standard terms of business.
2. Production is limited to the site(s) listed in the manufacturer's Technical File, copies of which are held by the manufacturer and BTTG, and not to any other production site(s).
3. The client must implement appropriate changes as notified by BTTG.
4. The client must ensure the certified product is representative of the ongoing manufactured product.
5. The client must investigate complaints associated with the certified products. Records of such complaints, and actions taken, must be kept by the client and made available to BTTG when requested.
6. The client must only make claims consistent with the scope of certification,
7. The client must not make any misleading or unauthorised comments regarding the certified product or the certification body.
8. The client must upon suspension, withdrawal, or termination of certification discontinue the use of all advertising matter that contains any reference thereto and take action to return this certificate to BTTG.
9. The client must comply with the requirements for the use of the notified body number as detailed below.
10. Any change to the product or quality manual / quality plan shall be immediately notified to BTTG.
11. This certificate is issued in the English language only. It is the responsibility of the Manufacturer / Authorised Representative to obtain and supply language versions acceptable to the country where the product is to be sold.
12. This certificate remains the property of BTTG and will be withdrawn if any of the conditions attached to its issue are not complied with.

Use of Notified Body Number

1. The Notified Body Number must only be used:
 - a. In direct association with products or systems covered by this Type-Examination Certificate.
 - b. by holder(s) of the Certificate.
2. Use of BTTG Notified Body Number does not extend to other companies which are:
 - a. part of the same corporate group as the Certificate holding company: or
 - b. named in a Certificate, for example as a supplier.
3. Particular care must always be taken to avoid the association of the BTTG Notified Body Number with other products or systems or schemes and with claims or information not contained in the BTTG document.
4. The EC mark consists of the wheelmark, followed by the number of the notified body involved in Module D, E or F and the last two figures of the year in which the mark was affixed.

If any of the above requirements are not met BTTG will seek to suspend, withdraw or terminate this certificate.

END OF CERTIFICATE