



CERTIFICATION
SERVICES



EC Type-Examination Certificate

52698/1

Date of Issue: 26 March 2016

Expiry date: 26 March 2021

This is to certify that BTTG Testing & Certification Ltd, specified as a "notified body" under the terms of the Personal Protective Equipment Regulations 2002, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the relevant provisions of EC Directive 89/686/EEC, or as amended, subject to any conditions in the schedule attached hereto.

Manufacturer: U.protec Apparel Tech Co., Ltd

Address: 2C Block No. 8
Nanyou Tian An Industrial Zone
Nanshan
Shenzhen
China

Product Description: Fire Fighter Suit

Product Code: UXF-X6-968C Fire Jacket
UXF-X6-968T Fire Trouser

Technical File reference: UP20100127

Harmonised Standard(s): EN 340:2003
EN 469:2005/AC:2006 Levels: Xf2 Xr2 Y2 Z2

This certificate relates specifically to the PPE items described and depicted in the manufacturer's Technical File, copies of which are held by the manufacturer and BTTG, and not to any other items.

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.

Certificate Authorised by:

Notified Body for PPE
Testing & Certification
I.D. No. 0339

and:

A Didycz
Certification Officer
C A Butcher
Certification Manager



Issued by BTTG Testing & Certification Ltd., Notified Body Identification No. 0339.

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Schedule of Approval

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U.protec Apparel Tech Co., Ltd

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CONDITIONS OF CERTIFICATION

Description of product

Fire Fighter Suit consisting of:

UXF-X6-968C	Fire Jacket
UXF-X6-968T	Fire Trouser

Available in the following materials:

Outer Shell: **6.0oz Nomex IIIA; 93% Nomex / 5% Kevlar / 2% P140; Twill Weave** NF0911-01
(200 g.m⁻²)

Moisture Barrier: **70% Conex / 30% Twaron laminated to FR PTFE membrane (70 g.m⁻²)** UPT09110021

Thermal Felt: **95% Nomex / 5% Kevlar (150 g.m⁻²)** N091109

Lining: **50% Nomex / 50% FR Viscose (130 g.m⁻²)** N091108

Features: **3M Scotchlite Reflective Material – 9587 Fluorescent lime-yellow Fire Coat Trim**

Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The garments were available in size ranges which did not conform to the requirements of EN 469:2005, which refers to EN 340, which in its latest version (2003) refers to EN 13402, but which conformed to the manufacturer's size ranges. In the opinion of BTTG Testing & Certification Ltd, these size ranges fulfil the requirements of Annex II, Clause 1.3.1 of Directive 89/686/EEC.
- 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 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 Trouser, 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.

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Schedule of Approval (continued)

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UP20100127

DOCUMENTATION SUBMITTED (Technical File – UP20100127):

Approval Documents

- Design report No. 52698/B/CS
- Component Assembly test report No. 30/04465/1
- Material test report Nos. 30/04465/2; 30/04465/4
- Hardware test report No. 30/04465/3
- Visibility materials test report Nos. TR307/36287; 6791/7/STC004
- Ergonomic Assessment test report No. 30/04465/5
- Innocuousness test report Nos. 162801; 1329/05

Product Documentation

- Product description
- Drawings
- Fabric description and test data
- Supplier's Innocuousness statement for fabric
- Component list
- Size chart
- ISO 9001:2000 certificates for manufacturing sites
- Article 11B information for manufacturing sites
- Labelling
- User Information
- Statement of end use

Terms and Conditions associated with the issue of
EC Type-Examination Certificate No: 52698/1

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. Any change to the product or quality manual / quality plan shall be immediately notified to BTTG.
4. 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.
5. This certificate remains the property of BTTG and will be withdrawn if any of the conditions attached to its issue are not complied with.
6. This certificate does not authorise the use of the Mark of Conformity (the 'CE mark'), which may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when Article 11(A or B) of the Directive is fully complied with and controlled by a written agreement with a notified body.

END OF CERTIFICATE