



Personal Protective Equipment Regulation (EU) 2016/425

# *Certificate*

## Module B EU Type-Examination

**Manufacturer**

**Lakeland Europe Ltd**

Unit 9-10, Jet Park, Jet Park Way, Newport, Brough, HU15 2JU

**Product Description:**

Arc Flash FR Rainwear Jacket; Arc Flash FR Rainwear Pants

**Product Code:**

HVAJ01OR; HVAJ01ORX; HVAJ01Y; HVAJ01YX; HVAP01OR; HVAP01Y

**Technical File Reference:**

523349

**Harmonised Standard(s):**

EN ISO 13688:2013; EN ISO 20471:2013+A1:2016 (Class 3 for Jackets; Class 1 for Trousers);  
EN 1149-5:2008 (using EN 1149-3:2004);  
EN 13034:2005/A1:2009 (Type 6); EN 343:2003+A1:2007/AC:2009 (Class 2 for Resistance to water  
penetration; Class 1 for Water vapour resistance)

**Technical Specification:**

EN ISO 11612:2015 (A1; A2; B1; C1; E3; F1); EN ISO 11611:2015 (Class 2, A1 + A2); EN ISO 14116:2015 Index 3  
IEC 61482-2:2009; EN 61482-1-1:2009 (ATPV = 16 cal/cm<sup>2</sup>); EN 61482-1-2:2007 (Class 1 = 4 kA);  
RIS-3279-TOM Issue One (2016) – HV orange only

**Certificate Number: 523349/1**

**Issued by: BTTG™ (Notified Body No. 0338 for Regulation (EU) 2016/425)**

**First issue:** 29 March 2019      **Date of Issue:** 28 June 2019      **Expiry:** 29 March 2024

**Authorised by**

**K Bolton**  
**Certification Officer**

**Authorised by**

**J L Wilson**  
**Senior Certification Officer**

The attached schedule of approval forms part of this certificate.

**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**





## Schedule of Approval Certificate Number: 523349/1

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**BTTG™ ref:** E-009316

**Manufacturer:** Lakeland Europe Ltd  
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BTTG™, specified as a "notified body" under the terms of the Regulation (EU) 2016/425 of the European Parliament and of the Council on personal protective equipment, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the relevant provisions of Annex V (Module B) of the Regulation and with the applicable essential health and safety requirements, subject to any conditions in the schedule attached hereto.

The 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 certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

### Description of product

Arc Flash FR Rainwear Jacket (Orange)	HVAJ01OR
Arc Flash FR Rainwear Cross Back Jacket (Orange)	HVAJ01ORX
Arc Flash FR Rainwear Jacket (Yellow)	HVAJ01Y
Arc Flash FR Rainwear Cross Back Jacket (Yellow)	HVAJ01YX
Arc Flash FR Rainwear Pants (Orange)	HVAP01OR
Arc Flash FR Rainwear Pants (Yellow)	HVAP01Y

Available in the following materials:

**Background Fabric:** POBFC3DY; 98% polyester / 2% carbon laminated to undyed 60% Protex / 40% cotton knit (373 g/m<sup>2</sup>) (HV Orange / HV Yellow)

**Retroreflective:** 3M Scotchlite Reflective Material – Silver Flame Resistant Transfer Film 8735

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### Manufacturers Technical Specification

The manufacturer's Technical Specification for protective clothing was based on EN ISO 11612:2015 "*Protective clothing – Clothing to protect against heat and flame – Minimum performance requirements*" and EN ISO 11611:2015 '*Protective clothing for use in welding and allied processes*'. The suitability of this Technical Specification was checked with respect to the Essential Health and Safety Requirements of EU Regulation 2016/425, and was found to address the requirements for this end use.

The manufacturer's Technical Specification for clothing for the end use of protection from the thermal hazards of an electric arc was based on IEC 61482-2:2009 "Live working – Protective clothing against the thermal hazards of an electric arc – Part 2: Requirements". The materials and garments were assessed according to IEC 61482-1-1:2009 "Live working – Protective clothing against the thermal hazards of an electric arc – Part 1-1: Test methods – Method 1: Determination of the arc rating (ATPV or EBT50) of flame resistant materials for clothing" and IEC 61482-1-2:2007 "Live working – Protective clothing against the thermal hazards of an electric arc – Part 1-2: Test methods – Method 2: Determination of arc protection class of material by using a constrained and directed arc (box test)". The clause listed below was excluded from the technical specification. The suitability of this standard was checked with respect to the Essential Health and Safety Requirements of EU Regulation 2016/425, and the standard was found to address the requirements for this end use.

As well as conforming to the harmonised standards EN ISO 13688:2013 and EN ISO 20471:2013+A1+2016, the manufacturer's technical specification for high visibility warning clothing included the Railway Industry Standard RIS-3279-TOM Issue 1 (2016). The garments listed on the previous page (in HV orange) meet the applicable requirements of RIS-3279-TOM (2016).

### Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.

### Observations

- Not Applicable.

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### Approval Documents

- Design report Nos. 60/01695/A; 60/01396/C; 60/01695/B; E-002185/C; E-002185/D; E-002185/B
- Ergonomic Assessment test report No. E-002185/A
- Fabric test report Nos. 2015CN0240; 60/01396/E; 60/01260; 60/01084/A; 2015CN0235; 2015CN0234; 2015CN0245; 60/00442; 2015CN0237; 2015CN0236
- Garment test report Nos. E-005534/1; E-002546/D; E-003578/A; E-003578/C; E-003578/B; 60/01084/A; 60/01245; E-006149; 60/00364/D; 60/00364/C
- Hardware test report Nos. E-004311; E-002346/B; E-006849/B; E-005534/5; E-006849/A
- Retroreflective test report No. Certificate of Test 380239A01
- Other test report Nos. E-005534/2; E-005534/3
- Innocuousness test report Nos. 2015CN0234; E-005534/4

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### Terms and Conditions associated with the issue of this EU 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. This certificate remains the property of BTTG™ and will be withdrawn if any of the conditions attached to its issue are not complied with.
12. The EC mark consists of the letters 'CE', in the form given in Annex II of Regulation (EC) No 765/2008 and for category III PPE, followed by the number of the notified body involved in production control monitoring (Module C2 or D).
13. 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 Module C2 or D of the Regulation is fully complied with and controlled by a written agreement with a notified body.

#### 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.

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

END OF SCHEDULE