



Personal Protective Equipment Regulation (EU) 2016/425

Certificate

Module B EU Type-Examination

Manufacturer

Lakeland Industries Inc
711-2 Koehler Avenue, Ronkonkoma
NY 11779-7410, USA

Authorised Representative

Lakeland Industries Europe Ltd
Unit 9-10, Jet Park, Jet Park Way, Newport, Brough
HU15 2JU, UK

Product Description:

Lakeland FR ARC 43®

Product Code:

Jacket – AR43-SC; Bib Trousers – AR43-BO; Hood with Visor – AR43-HD;
Protective Gloves – AR43-G; Boot Cover – AR43-C; Storage Bag - ARBAG

Technical File Reference:

ARC43

Harmonised Standard(s):

EN ISO 13688:2013
EN 1149-1:2006; EN 1149-5:2008

Technical Specification:

EN ISO 11612:2015 (A1 B2 C2)
IEC 61482-2:2009; EN 61482-1-1:2009 (ATPV = 43 cal/cm²); EN 61482-1-2:2007 (Class 2 = 7 kA)

Certificate Number: 523016/1

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

First issue: 05 July 2018 **Date of Issue:** 05 July 2018 **Expiry:** 05 July 2023

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



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Expiry date:	05 July 2023	BTTG™ ref:	E-004026

Manufacturer: Lakeland Industries Inc
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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

Jacket	AR43-SC
Bib Trousers	AR43-BO
Hood with Visor	AR43-HD
Protective Gloves	AR43-G
Boot Cover	AR43-C
Storage Bag	ARBAG

Available in the following materials:

Main Fabric: Tecasafe Plus; 48% Modacrylic FR; 37% Cellulosic Fibre / 15% Para-aramid (240 g.m⁻²) (Blue)

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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*". 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 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 according to EN 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 suitability of these standards was checked with respect to the Basic Health and Safety Requirements of EU Regulation 2016/425, and was found the address the requirements for this end use.

The hood top, gloves, boot cover and frock bag components listed on this certificate are technically beyond the scope of IEC 61482-2:2009, however these items are made from material conforming to EN 61482-1-1:2009, EN 61482-1-2:2007 and IEC 61482-2:2009. In the opinion of BTTG Testing & Certification, these items meet the Basic Health & Safety Requirements of EU Regulation 2016/425 and are suitable for the end use of protection from the thermal hazards of an electric arc, when worn in conjunction with garments offering full coverage and conforming to IEC 61482-2:2009.

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Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The User Information has been assessed in the English language only. It is the responsibility of the Manufacturer / Authorised Representative to ensure the content and accuracy of the User Information presented in other languages.

Observations

- Not Applicable.

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Approval Documents

- Ergonomic Assessment test report No. 522216/A/CS
- Fabric test report Nos. 60/00078/1B; K-418212-014-R00; 2015EP0983; 60/00173/1
- Garment test report Nos. 60/00078/2A; 60/00078/2B; 522216/B/1/FTS; 522216/B/2/FTS; 522216/C/1/FTS; 60/01899
- Hardware test report Nos. 522216/B/3/FTS; 522216/C/2/FTS
- Other test report Nos. 522216/B/6/FTS; 522216/B/7/FTS
- Innocuousness information test No. 29/01840/06/16

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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