

EU Declaration of Conformity



Product Type: High Visibility EcoViz
Breathable Bomber Jacket
Manufacturer: Leo Textiles T/A LEO WORKWEAR
Product ID: J05-Y
Name: DARTMOOR
Model/Label: LJ-330

The above product is in conformity with the regulation (EU) 2016/425 and is identical to the PPE which is the subject of EU certificate SH00030 issued by **Shirley Technologies (Europe) Limited, Notified Body 2895**, Sky Business Centre, Port Tunnel Business Park, Office 13 Unit 21, Clonsaugh Business & Technology Park, Dublin 17, ROI.

Relevant Harmonized Standards / Technical Specifications used to which conformity is declared:

EN ISO 20471:2013 + A1:2016 (Class 3), EN343:2019 with Resistance to Water Penetration (Class 4*) and Water Vapour Resistance (Breathable) (Class 4).

*This garment meets level 4 for resistance to water penetration for a maximum of 10 washes, and level 3 for a maximum of 25 washes.

This declaration of conformity is issued under the sole responsibility of LEO WORKWEAR.

Signed for on behalf of LEO WORKWEAR

Name: Peter Turner
Position: Director

Date: 02/11/2023
Signature:



DARTMOOR

LEO
WORKWEAR

LEO ECOVIZ® 15K PERFORMANCE+ BOMBER
CODE: J05-Y-LEO

WHY THE DARTMOOR?

An exceptional bomber jacket offering excellent protection from the elements, via the waterproof, windproof and breathable EcoViz® 15K fabric.



ISO 20471 CLASS 3
EN343 CLASS 4 WATERPROOFNESS

TARIFF
EN343 CLASS 4 BREATHABILITY
6211331000

81-89 LENGTH

S-6XL

10

BOX QUANTITY



15K



WATERPROOF



INTERACTIVE YKK ZIPPER



BREATHABLE

CARE LABEL



EN343 4:4 CERTIFIED TO 10 WASH CYCLES
EN343 3:3 CERTIFIED TO 25 WASH CYCLES

COLOUR

also available (RIS-3279-TOM)



FEATURES

- > Ecoviz® 15K 2-layer laminated recycled polyester, 75% recycled
- > Waterproof, windproof & breathable fabric
- > Meets the requirements of the rain tower test as received
- > Made from recycled plastic bottles
- > Mesh-lined for breathability
- > Lycra cuff with stay-put thumbholes
- > Internal tablet pocket & safety glasses pocket
- > Part-elasticated hem with curved drop back
- > 3 piece shaped hood
- > Chunky YKK zipper
- > Internal safety glasses/goggles pocket with tethering point

- > Secure zip fastened chest pocket
- > Internal tablet pocket, can take a tablet up to 10.5" (not including case)
- > Velcro fastened front pockets
- > Hand warmer pockets
- > Radio/Camera loops on right-hand chest



FABRIC

EcoViz 15K 2-layer laminated recycled polyester



REFLECTIVE TAPE

Heat applied segmented chevron pattern

SIZE	S	M	L	XL	XXL	3XL	4XL	5XL	6XL
CHEST TO FIT (CM)	86-94	86-94	102-110	110-118	118-126	126-134	134-142	142-150	150-158

V2.2 09.01.25 CJ



Positive Impact of this product:

	2.62kgCO2 avoided
	22.79kWh energy saved
	1.01kg waste diverted
	42.63l water saved

GreenStory

Data from lifecycle assessment carried out by Green Story meeting ISO 14040:2006 & ISO 14044:2006.

WWW.LEOWORKWEAR.COM



Shirley

Personal Protective Equipment Regulation (EU) 2016/425

Certificate Module B EU Type-Examination

Manufacturer

Leo Workwear

1 Whiddon Drive, Barnstaple, EX32 8RY

Product Description:

Hi-vis Garments

Product Code:

JT-002; JT-002 (R/T); LJ-330; LJ-330 (R/T); BB-300; BB-300 (R/T)

Technical File Reference:

TF 16

Harmonised Standard(s):

EN ISO 13688:2013; EN ISO 20471:2013+A1:2016 (Class 1: JT-002; Class 2: BB-300; Class 3: LJ-330);
EN 343:2019 (LJ-330 and BB-300 only – refer to pages 3 and 4 for levels)

Technical Specification:

RIS-3279-TOM Issue Two (2019)

(HV Orange only, JT-002 (R/T) trousers to be worn with an unobscured garment that meets class 2)

Certificate Number: SH00030

Issued by: Shirley® (Notified Body No. 2895 for Regulation (EU) 2016/425)

First issue: 11 June 2021 **Date of Issue:** 31 October 2023 **Expiry:** 05 March 2026

Authorised by

J Lumb

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:
Shirley Technologies (Europe) Limited, Sky Business Centre, Port Tunnel Business Park, Office 13
Unit 21, Clonshaugh Business & Technology Park, Dublin 17, ROI

Tel: +353 (0) 01894 1448 **email:** info@shirley.ie **website:** www.shirley.ie





Schedule of Approval
Certificate Number: SH00030

First Issued:	11 June 2021	Page No:	3 of 6
Issue date:	31 October 2023	Issued by:	Shirley® (Notified Body No. 2895)
Expiry date:	05 March 2026	Shirley® ref:	SH-031464
Manufacturer:	Leo Workwear		
Technical file ref:	TF 16		

Description of product (continued)

LJ-330 Bomber Jacket; HV Yellow; Two horizontal bands of 50 mm retroreflective tape across the torso and arms, with a band over each shoulder meeting the upper torso band at the front and back; EN ISO 20471 Class 3 for size S upwards. EN 343 Resistance to Water Penetration Class 4 and Water Vapour Resistance Class 4.

LJ-330 (R/T) Bomber Jacket; As LJ-330 but HV Orange

BB-300 Bib and Brace; HV Yellow; Three horizontal bands of 50 mm retroreflective tape across the legs; EN ISO 20471 Class 2 for size S upwards. EN 343 Resistance to Water Penetration Class 4 and Water Vapour Resistance Class 4.

BB-300 (R/T) Bib and Brace; As BB-300 but HV Orange

Available in the following materials:

Main Fabric: 300D Poly Oxford; 75% Polyester / 25% PU Laminate (HV Orange or HV Yellow) (230 gsm)

LJ-330 Lining: Mesh Lining; 100% Polyester (Grey) (115 gsm)

Retroreflective tape options for all garments:

Annex 1b	Annex 1c	Annex 1d	Annex 1e
Annex 1f	Annex 1g	Annex 1h	Annex 1i

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Schedule of Approval
Certificate Number: SH00030

First Issued:	11 June 2021	Page No:	4 of 6
Issue date:	31 October 2023	Issued by:	Shirley® (Notified Body No. 2895)
Expiry date:	05 March 2026	Shirley® ref:	SH-031464
Manufacturer:	Leo Workwear		
Technical file ref:	TF 16		

Manufacturers Technical Specification

As well as conforming to the Harmonised Standards EN ISO 13688:2013 and EN ISO 20471:2013, the manufacturer's Technical Specification for high visibility warning clothing included the UK Railway Industry Standard RIS-3279-TOM Issue Two (2019). The garment listed above (in HV Orange) meets the applicable requirements of RIS-3279-TOM Issue Two (2019).

Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The waterproof garments listed above meet level 4 for resistance to water penetration for a maximum of 10 washes, and level 3 for a maximum of 25 washes.

Observations

- Not Applicable.

CONTINUED ON PAGE 5



Personal Protective Equipment Regulations (Regulation 2016/425 as brought into UK law and amended)

Certificate

Module B Type-Examination

Manufacturer

Leo Workwear

1 Whiddon Drive, Barnstaple, EX32 8RY

Product Description:

Hi-vis Garments

Product Code:

JT-002; JT-002 (R/T); LJ-330; LJ-330 (R/T); BB-300; BB-300 (R/T)

Technical File Reference:

TF 16

Designated Standard(s):

EN ISO 13688:2013; EN ISO 20471:2013+A1:2016 (Class 1: JT-002; Class 2: BB-300; Class 3: LJ-330);
EN 343:2019 (LJ-330 and BB-300 only – refer to pages 3 and 4 for levels)

Technical Specification:

RIS-3279-TOM Issue Two (2019)

(HV Orange only, JT-002 (R/T) trousers to be worn with an unobscured garment that meets class 2)

Certificate Number: 523928

Issued by: BTTG® (Approved Body No. 0338 for Regulation 2016/425 as brought into UK law and amended)

First issue: 05 March 2021 **Date of Issue:** 31 October 2023 **Expiry:** 05 March 2026

Authorised by

K Bolton
Certification Officer

Authorised by

J L Wilson
Senior Certification Officer

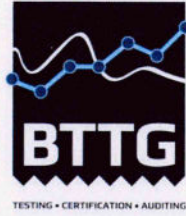
Shirley Technologies Limited, trading as BTTG®, is a UKAS accredited certification body No.5368

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: certification@bttg.co.uk website: www.bttg.co.uk



5368



Schedule of Approval
Certificate Number: 523928

First Issued:	05 March 2021	Page No:	3 of 6
Issue date:	31 October 2023	Issued by:	BTTG® (Approved Body No. 0338)
Expiry date:	05 March 2026	BTTG® ref:	E-031468
Manufacturer:	Leo Workwear		
Technical file ref:	TF 16		

Description of product (continued)

LJ-330 Bomber Jacket; HV Yellow; Two horizontal bands of 50 mm retroreflective tape across the torso and arms, with a band over each shoulder meeting the upper torso band at the front and back; EN ISO 20471 Class 3 for size S upwards. EN 343 Resistance to Water Penetration Class 4 and Water Vapour Resistance Class 4.

LJ-330 (R/T) Bomber Jacket; As LJ-330 but HV Orange

BB-300 Bib and Brace; HV Yellow; Three horizontal bands of 50 mm retroreflective tape across the legs; EN ISO 20471 Class 2 for size S upwards. EN 343 Resistance to Water Penetration Class 4 and Water Vapour Resistance Class 4.

BB-300 (R/T) Bib and Brace; As BB-300 but HV Orange

Available in the following materials:

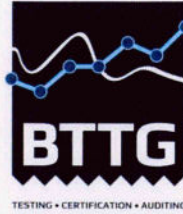
Main Fabric: **300D Poly Oxford; 75% Polyester / 25% PU Laminate (HV Orange or HV Yellow) (230 gsm)**

LJ-330 Lining: **Mesh Lining; 100% Polyester (Grey) (115 gsm)**

Retroreflective tape options for all garments:

Annex 1b	Annex 1c	Annex 1d	Annex 1e
Annex 1f	Annex 1g	Annex 1h	Annex 1i

CONTINUED ON PAGE 4



Schedule of Approval Certificate Number: 523928

First Issued:	05 March 2021	Page No:	4 of 6
Issue date:	31 October 2023	Issued by:	BTTG® (Approved Body No. 0338)
Expiry date:	05 March 2026	BTTG® ref:	E-031468
Manufacturer:	Leo Workwear		
Technical file ref:	TF 16		

Manufacturers Technical Specification

As well as conforming to the Harmonised Standards EN ISO 13688:2013 and EN ISO 20471:2013, the manufacturer's Technical Specification for high visibility warning clothing included the UK Railway Industry Standard RIS-3279-TOM Issue Two (2019). The garment listed above (in HV Orange) meets the applicable requirements of RIS-3279-TOM Issue Two (2019).

Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The waterproof garments listed above meet level 4 for resistance to water penetration for a maximum of 10 washes, and level 3 for a maximum of 25 washes.

Observations

- Not Applicable.

CONTINUED ON PAGE 5

UKCA Declaration of Conformity



Product Type: High Visibility EcoViz
Breathable Bomber Jacket
Manufacturer: Leo Textiles T/A LEO WORKWEAR
Product ID: J05-Y
Name: DARTMOOR
Model/Label: LJ-330

The above product is in conformity with the PPE regulation 2016/425 as it applies in GB as brought into UK Law and amended (Legislation UK 2019 S1696 Schedule 35 Regulation 38), and is identical to the PPE which is subject of UKCA certificate 523928 issued by **BTTG, Approved Body 0338**, Unit 6 Wheel Forge Way, Trafford Park, Manchester, M17 1EH, United Kingdom.

Relevant Harmonised Standards / Technical Specifications used to which conformity is declared:

EN ISO 20471:2013 + A1:2016 (Class 3), EN343:2019 with Resistance to Water Penetration (Class 4*) and Water Vapour Resistance (Class 4) (Breathable).

*This garment meets level 4 for resistance to water penetration for a maximum of 10 washes, and level 3 for a maximum of 25 washes.

This declaration of conformity is issued under the sole responsibility of LEO WORKWEAR.

Signed for on behalf of LEO WORKWEAR

Name: Peter Turner

Date: 02/11/2023

Position: Director

Signature:



USER INFORMATION SHEET



The following garments comply with the requirements of PPE Regulation (EU) 2016/425 and Regulation 2016/425 on personal protective equipment, as amended to apply in GB and the following standards - BS EN 13688: 2013 + A1: 2021, BS EN 343: 2019 and BS EN ISO 20471: 2013 + A1: 2016 using conforming retroreflection performance material and Fluorescent Yellow PU laminated background material.



The Declaration of Conformance for this item is available from: leoworkwear.com or by contacting Leo Workwear at the address below.



Style: LJ-300

Description: Foulweather recycled waterproof high visibility jacket

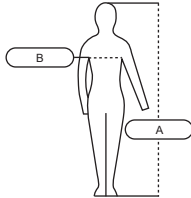
BS EN ISO 20471: 2013 + A1: 2016 Class 3 areas of visible background and retroreflective tape. Two bands of retroreflective material encircling the torso and sleeves, one band over each shoulder.

BS EN343: 2019 Class 4, 4

Garment fit:

Fit according to chest size
Measurements in centimetres

	A	B
Small	156 - 204	86 - 94
Medium	156 - 204	94 - 102
Large	156 - 204	102 - 110
XL	156 - 204	110 - 118
XXL	156 - 204	118 - 126
3XL	156 - 204	126 - 134
4XL	156 - 204	134 - 142
5XL	156 - 204	142 - 150
6XL	156 - 204	150 - 158



Recommended maximum continuous wearing time for a complete suit consisting of jacket and trousers

Temp of working environment °C	Class of breathability			
	1	2	3	4
	(min)	(min)	(min)	(min)
25	60	105	180	-
20	75	250	-	-
15	100	-	-	-
10	240	-	-	-
5	-	-	-	-

- = no limit for wearing time



4 = Class of waterproofness 4 highest, 1 lowest

4 = Class of breathability 4 highest, 1 lowest

X = Garment has not been tested to the readymade garment rain tower test

BS EN 343: 2019



X = Class of garment 3 highest, 1 lowest

BS EN ISO 20471: 2013 + A1: 2016

BS EN ISO 20471 Minimum required areas of visible material in m²

Garment class	3	2	1
Background material	0.80	0.50	0.14
Retroreflective material	0.20	0.13	0.10
Combined performance material	-	-	0.20

Limitations of use, warning of misuse:

Garments must be worn fastened. Underarm ventilation zip must be closed for EN ISO 20471 compliance, Should the high visibility properties of garments become seriously impaired the item should be replaced. **Warning:** Hearing and peripheral vision may be impaired when using the hood. **Storage:** Garments should be stored and transported in clean, dry conditions. **DO NOT** store in areas subject to direct sunlight.

Cleaning:



Non-Biological Powder Only

Machine wash at 40°C, do not bleach, do not dryclean, do not tumble dry, do not iron.

*BS EN 343:2019 4:4 - Maximum number of wash cycles 10.

*BS EN 343:2019 3:3 - Maximum number of wash cycles 25.



The stated maximum number of cleaning cycles is not the only factor related to the lifetime of the garment. The lifetime will also depend on usage, care, storage, etc.

Recycling: Dispose of product according to local environmental guidelines.

Materials: Product incorporates:- Recycled PU coated & non coated Polyester, Retroreflective tape.

For more information, contact:

LEO WORKWEAR

1 Whiddon Drive, Barnstaple,
Devon, EX32 8RY

01271 378904

www.leoworkwear.com

UKCA Type Examination Conducted by:

ITS Testing Services Ltd

Centre Court, Meridian Business Park,
Leicester,

LE19 1WD

Approved body: 0362

EU Type Examination Conducted by:

INTERTEK ITALIA SpA

Via Miglioli 2/A,
20063 Cernusco sul Naviglio (MI),
Italy

Notified body: 2575

USER INFORMATION SHEET



The following garments comply with the requirements of PPE Regulation (EU) 2016/425 and Regulation 2016/425 on personal protective equipment, as amended to apply in GB and the following standards - BS EN 13688: 2013 + A1: 2021, BS EN 343: 2019 and BS EN ISO 20471: 2013 + A1: 2016 using conforming retroreflection performance material and Fluorescent Yellow or Orange background material. Orange fabric complies to rail industry standard RIS-3279-TOM Issue 2: 2019.



The Declaration of Conformance for this item is available from: leoworkwear.com or by contacting Leo Workwear at the address below.



Style: LJ-365, LJ-365 (R/T)

Description: Foulweather recycled waterproof high visibility bomber jacket

BS EN ISO 20471: 2013 + A1: 2016 Class 3 areas of visible background and retroreflective tape. Two bands of retroreflective material encircling the torso and sleeves, one band over each shoulder.

BS EN343: 2019 Class 4, 4, X

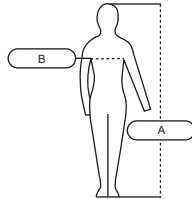
Badge Information: LJ-365 (R/T) to RIS-3279-TOM Issue 2: 2019

Restricted to company or project name and logo that identify who an individual is working for and titles or designations associated with the management of incidents: Press Officer, Recovery Engineer, First Aider, Train Operators' Liaison Officer (TOLO).

Garment fit:

Fit according to chest size
Measurements in centimetres

	A	B
Small	156 - 204	86 - 94
Medium	156 - 204	94 - 102
Large	156 - 204	102 - 110
XL	156 - 204	110 - 118
XXL	156 - 204	118 - 126
3XL	156 - 204	126 - 134
4XL	156 - 204	134 - 142
5XL	156 - 204	142 - 150
6XL	156 - 204	150 - 158



Recommended maximum continuous wearing time for a complete suit consisting of jacket and trousers

Temp of working environment °C	Class of breathability			
	1	2	3	4
	(min)	(min)	(min)	(min)
25	60	105	180	-
20	75	250	-	-
15	100	-	-	-
10	240	-	-	-
5	-	-	-	-

- = no limit for wearing time



4 = Class of waterproofness 4 highest, 1 lowest

4 = Class of breathability 4 highest, 1 lowest

X = Garment has not been tested to the readymade garment rain tower test

BS EN 343: 2019

BS EN ISO 20471 Minimum required areas of visible material in m²

Garment class	3	2	1
Background material	0.80	0.50	0.14
Retroreflective material	0.20	0.13	0.10
Combined performance material	-	-	0.20



X = Class of garment 3 highest, 1 lowest

BS EN ISO 20471: 2013 + A1: 2016

Limitations of use, warning of misuse:

Garments must be worn fastened. Should the high visibility properties of garments become seriously impaired the item should be replaced.

Warning: Hearing and peripheral vision may be impaired when using the hood. **Storage:** Garments should be stored and transported in clean, dry conditions. DO NOT store in areas subject to direct sunlight.

Cleaning:



Non-Biological Powder Only

Machine wash at 40°C, do not bleach, do not dryclean, do not tumble dry, do not iron. Wash separately

*BS EN 343: 2019 4:4:X - Maximum number of wash cycles 15.

*BS EN 343: 2019 3:4:X - Maximum number of wash cycles 25.



The stated maximum number of cleaning cycles is not the only factor related to the lifetime of the garment. The lifetime will also depend on usage, care, storage, etc.

Recycling: Dispose of product according to local environmental guidelines.

Materials: Product incorporates:- Recycled PU coated & non coated Polyester/Nylon and Retroreflective tape.

For more information, contact:

LEO WORKWEAR

1 Whiddon Drive, Barnstaple,
Devon, EX32 8RY

01271 378904

www.leoworkwear.com

UKCA Type Examination Conducted by:

BTTG Testing & Certification

Unit 6, Wheel Forge Way,
Trafford Park, Manchester

M17 1EH

Approved body: 0338

EU Type Examination Conducted by:

Shirley Technologies Europe Limited

Sky Business Centre, Unit 21, Block 1,
Port Tunnel Bus. Park, Clonsbaugh Bus. & Tech. Park

Dublin 17

Notified body: 2895