

# EC Type-Examination Certificate

## Number 5501 Issue 1

This is to certify that the Traffic Jackets, referenced "S460" & "S463", comprising:

Product Reference	Description
S460	High visibility traffic jacket in yellow PU coated polyester fabric. Shoulder bands and two reflective torso and arm bands. Covered front zip fastening and two flapped waist level pockets.
S463	High visibility traffic bomber jacket in yellow PU coated polyester fabric. Shoulder bands and two reflective torso and arm bands. Covered front zip fastening and two hip level flapped pockets. Elasticated waist. Sizes: S and above

### Classification

EN 471:2003+A1:2007

Area of visible material	Class	3
Retro reflective material performance	Level	2

Manufactured by:  
Portwest Ltd  
B2-803 Room  
Ju YuanZhou,  
Xin Yuan Building  
No.616 JinShan Rd  
JinShan,  
FuZhou,  
FuJian,  
China 35003

EN 342:2004

Air permeability	Class	3
Thermal Resistance, $I_{cl,ier}$		0.503 m <sup>2</sup> kW

EN 343:2003 +A1:2007

Water Vapour Resistance	Class	1
Resistance to Water Penetration	Class	3

### Technical reports

Design: SPC0196898/1132/3, SPC0196898/1132/5

Fabric: BTTG 11/15015B, SPC0189939/1047,

Foul weather: SGS: SH10196435/TX, SH10197410/TX; SH11011623/TX

Tape: SPC: 0178754/2/0939

Innocuousness: Shirley Technologies:11-23395

has been subject to an EC Type-examination in accordance with Article 10 of the PPE Directive (89/686/EEC) and has been shown to satisfy the relevant provisions of this Directive for the intermediate category through:

- Testing to the following standards: **EN 471:2003+A1:2007, EN 342:2004,**
- Examination of the relevant technical documentation.

You are therefore licensed to mark the product listed above in accordance with Article 13 of Directive (89/686/EEC) and any relevant amending Directives once you have drawn up an EC declaration of product conformity. Please note that:

- Full details of the certification and product are contained in the manufacturer's technical file
- This certificate is only valid if embossed with the text – "SATRA – European Notified Body 0321"
- This certificate is issued subject to the conditions on the reverse side of this certificate

Signed:  (S.Hardcastle)

Signed:   
On behalf of SATRA

Date: 14th October 2011



**Third Party Certification**  
**(ANSI/ISEA 107-2010)**  
**GARMENT COMPLIANCE CERTIFICATE**

Submitted by: Portwest House  
Style #: S463, Hi-Vis Bomber Jacket  
Size: S  
Color Yellow W/Silver

Date: March 22, 2012

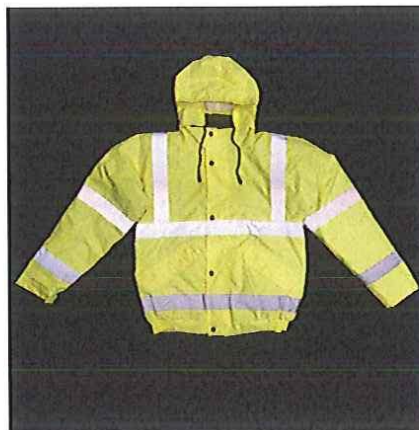
Report #: PORTWE.A030112B

The submitted garment, **Size S**, **MEETS** the requirements of ANSI/ISEA 107-2010 specification for the tests conducted in this report covering **CLASS III** garments. The submitted garment **Size S**, is to represent the smallest size designation for this style.

All of the above tests and evaluations were performed in accordance with ISO/IEC 17025 Management Systems.

*Adam R. Varley*

Certificate authorized by:  
Adam R. Varley  
Technical Director



\*This certification applies to the particular sample tested and to the specific tests carried out as dated and detailed in the report referenced above. It does not signify any measure of approval, control, supervision, or surveillance by Vartest Laboratories Inc. to this or any related product.

**ISO/IEC 17025 Certified Third Party Test Report**

DATE: March 22, 2012 FILE: PORTWE.A030112B  
CLIENT: Portwest House ATTN: Catriona McNally  
Westport Business & Technology  
Park, Westport, Co. Mayo Ireland,

**SAMPLE IDENTIFIED BY CLIENT AS:**

Garment Submitted  
Per ANSI/ISEA 107-2010 Standard  
Style #: S463, Hi-Vis Bomber Jacket  
Color Yellow W/Silver

**EXECUTIVE SUMMARY:**

The submitted garment, Size S, MEETS the requirements of ANSI/ISEA 107-2010 specification for the tests conducted in this report covering CLASS III garments. The submitted garment, Size S, is to represent the smallest size designation for this style. Certification of background and retroreflective material characteristics are not implied by this report.

<u>TEST PROCEDURES:</u>	<u>TEST RESULTS:</u>	<u>REQUIREMENTS:</u>
<b>DESIGN REQUIREMENTS (ANSI/ISEA 107, 6.0-6.2):</b>		
- WITHOUT HOOD:	Pass: 1401.80 in <sup>2</sup> (0.90m <sup>2</sup> ) background material 396.00 in <sup>2</sup> (0.26m <sup>2</sup> ) retroreflective material	1240 in <sup>2</sup> (0.80 m <sup>2</sup> ) Class III 310 in <sup>2</sup> (0.20 m <sup>2</sup> ) Class III
- WITH HOOD:	Pass: 1593.31 in <sup>2</sup> (1.03m <sup>2</sup> ) background material 396.00 in <sup>2</sup> (0.26m <sup>2</sup> ) retroreflective material	1240 in <sup>2</sup> (0.80 m <sup>2</sup> ) Class III 310 in <sup>2</sup> (0.20 m <sup>2</sup> ) Class III
<b>ERGONOMICS (ANSI/ISEA 107, 6.3):</b>	Pass: The submitted garment meets the requirements under this section of ANSI/ISEA 107-2010.	PASS
<b>CARE LABELING (ANSI/ISEA 107, 10.0):</b>	Pass: The submitted garment meets the requirements under this section of ANSI/ISEA 107-2010.	PASS



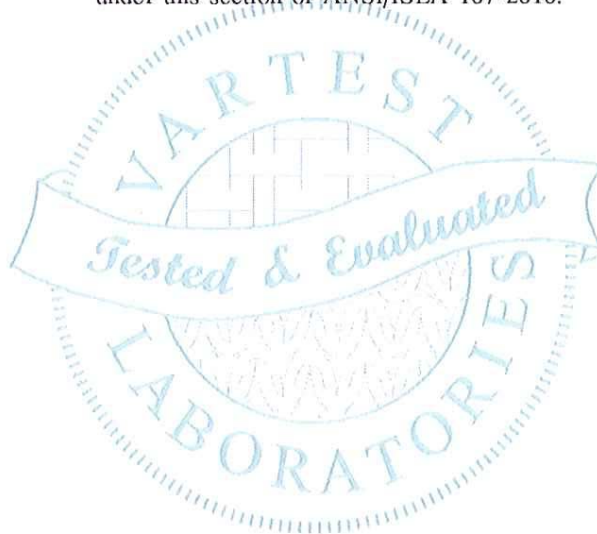
**ISO/IEC 17025 Certified Third Party Test Report**

FILE: PORTWE.A030112B

**SAMPLE IDENTIFIED BY CLIENT AS:**

Garment Submitted  
Per ANSI/ISEA 107-2010 Standard  
Style #: S463, Hi-Vis Bomber Jacket  
Color Yellow W/Silver

<u>TEST PROCEDURES:</u>	<u>TEST RESULTS:</u>	<u>REQUIREMENTS:</u>
MARKING (ANSI/ISEA 107, 11.0):	Pass: The submitted garment meets the requirements under this section of ANSI/ISEA 107-2010.	PASS
INSTRUCTION FOR USE (ANSI/ISEA 107, 12.0):	Pass: The submitted garment meets the requirements under this section of ANSI/ISEA 107-2010.	PASS



Signed For The Company By

*Adam R. Varley*  
Adam R. Varley  
Technical Director



*Stacy Sadowy*  
Stacy Sadowy  
Quality Assurance Supervisor

JB/03/457