

# EC Type-Examination Certificate

**Number 5541 (Issue 3)**

**Date of 1<sup>st</sup> issue :20/03/2012**

This is to certify that the product group referenced "Bizflame Rain" comprising:

Product Reference	Description
S779	High Visibility multi protection Yellow or Orange garments made in 98% polyester, 2% carbon fibre, flame retardant, chemical resistant, anti-static fabric. FR cotton lined. Jacket S779 / S773 worn with trousers, S782, constitutes a suit
S782	Jacket with contrast navy lower arms and torso; 2 bands of retro reflective tape around the torso and each arm; 1 band over each shoulder. Zipped front with secondary hook and loop fastening; 1 flapped chest pocket and a zipped map pocket. Hood within collar. Detachable navy fleece
S773	Trousers with lower leg tape bands and contrast navy below the upper band As S779 but Bomber jacket with a fixed, navy, FR, quilt lining and no fleece Garment sizes: S and above; GO/RT 3279 Issue 6 Pass, orange colour only

**Classification:**

Manufactured by: Portwest Ltd, 13th floor, ChuangYe Building, HaiXi Hi-Tech Industrial Park, MinHou County, FuZhou City, Fujian province, P.C : 350100 Republic of China.	<b>EN ISO20471:2013</b>	S779 /S773	S782
	Area of visible material	Class 3	Class 2
	<b>EN 343:2003+A1:2007</b>		
	Resistance to water penetration:	Class 3	
	Water vapour resistance:	Class 3 (S773 is Class 1)	
	<b>EN ISO 14116:2008</b>	Jackets/Trousers	Detachable Fleece
	Limited Flame Spread	3/12H/40	3/12H/40
	<b>EN1149:2008</b>	Outer	
	Surface resistivity	Pass	
	<b>EN13034:2005+A1:2009 - Type 6</b>		
Penetration Resistance <b>Class 3:</b> 30% Sulphuric Acid, 10% Sodium Hydroxide, o- Xylene, Butan-1-ol Repellency resistance <b>Class 3:</b> 30% Sulphuric Acid, 10% Sodium Hydroxide, o- Xylene; <b>Class 2</b> Butan-1-ol			

**Technical reports**

Garment: SPC0183007/1009, GZHT00596146, SPC0195439/1125, SPC0207823/1239, stfi: 2012 2499, WYMTS 62296,61733  
 Fabric: TR2888/40366, TR2888/40367, TUV001689; SGS1107151856TX, SGS 1203029138TX, SPC0183387/1011/1; BTTG 11/17018; WYMTS 62296,61548,6155061733  
 Fleece: SPC0189942/1047/1; WYMTS 38926-01/02; SGS 3468840/TX  
 Cotton Liner: TUV004208 SPC0191324/1103  
 Tape: BTTG 30/05795/1; SPC0198757/1143

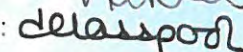
have been subject to an EC Type-examination in accordance with Article 10 of the PPE Directive (89/686/EEC) and has been shown to satisfy the relevant provisions of this Directive for the complex category through:

- i Testing to the following standards: EN ISO20471:2013, EN1149-5:2008, EN ISO 14116:2008 and EN13034:2005
- ii Examination of the relevant technical documentation

You are therefore licensed to mark the products 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:

1. Full details of the certification and product are contained in the manufacturer's technical file
2. This certificate is only valid if embossed with the text – "SATRA – European Notified Body 0321"
3. This certificate is issued subject to the conditions on the reverse side of this certificate
4. CE marking of production is also reliant on current compliance with Directive 89/686/EEC Article 11

Signed:  (S Hardcastle )

Signed: 

Date: 18<sup>th</sup> December 2013

On behalf of SATRA