

EC Type-Examination Certificate

Number 5480 (Issue 2)

Date of 1st issue: 10/01/2012

This is to certify that the product group reference Bizflame comprising the following product:

| Product reference | Description |
|-------------------|---|
| FR63 | Flame resistant high visibility yellow Bib and Brace with navy contrast panels on the ankles front knees and pocket flaps. Garment in chemically treated 99% cotton, 1% carbon fibre. 2 bands of retro-reflective tape around the each leg and 1 band around the torso. Sizes: S (92-96cm.) to 3XL Manufactured by: Portwest Ltd (Fuzhou), 13th floor,ChuangYe Building, HaiXi Hi-Tech Industrial Park, MinHou County , Fuzhou City, Fujian Province, China: 350108 |
| Classification: | EN ISO 20471:2003 Area of visible material Class 2 |
| | EN ISO 11611:2007 Impact of Spatter Class1 Radiant Heat Class1 Limited Flame Spread A1 & A2 Convective Heat B1 |
| | EN ISO 11612:2008 Radiant Heat C1 Molten Iron E3 Contact Heat F1 Thermal Resistance to electric arc Class1 |
| | EN13034:2005+A1:2009 type PB[6] Physical properties Pass Penetration resistance Class 3 30% Sulphuric Acid Class 2 10% Sodium Hydroxide Unclassified o-Xylene & Butan-1-ol |
| | EN1149-5: 2008 Electrostatic properties Pass |
| | IEC 61482-2:2009 Class 1 |
| | SATRA: SPC0195261/1124/1, SPC0195261/1124/2 Iss 2, SPC0182493/4/1007 issue 2 SPC0178354/0937/3, , SPC0182493/1007/1, SPC0182493/1007/2, SPC0223595/1414, SPC0182493/1007/3, SPC0184283/1016, SPC0182493/ERC Iss 2, SPC0216775/1330 Iss 2 |
| | Stfi: 0648.1/10, 0945/10 |
| | BV:2300/50663; Kinetrics K-418444-001-R01 |
| | Technical reports |

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 complex category through:

- i Testing to the following standards: EN ISO 11611:2007, EN ISO 11612:2008, EN1149-5: 2008, EN 61482-1-1:2009, EN 61482-1-2:2007, EN13034:2005+A1:2009 & EN ISO20471:2013
- ii Examination of the relevant technical documentation.

You are therefore licensed to mark the product(s) 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: 1st July 2014

On behalf of SATRA