



Notified Body 0321

Issued to: **Portwest Ltd**
Portwest House
Westport Business & Technology Park
Westport
County Mayo,
Eire

SATRA Client : P0214

EC Type-Examination Certificate

Number 5810 Issue 4

Date first issued: 29/06/2017

This is to certify that the product group reference "Modaflame Garments" comprising the following products:

Product Reference	Description
Modaflame Garments	Flame resistant, high visibility yellow garments from 60% Modacrylic, 39% cotton and 1% carbon fibre, 280g/m2 fabric (APTV=8.4 cal/cm ² Fabric Only)
MV28	Coverall with navy contrast panels on the legs and cuffs. Garment has 2 bands of retro-reflective tape around the torso, each arm and each leg, 1 band on each shoulder. Concealed stud or zipped, flapped pockets: 2 chest, 1 rear; 1 thigh rule pocket. Knee pad pockets. Sizes : S and above
MV27	High Visibility Bib & Brace with Navy contrast panels to the trouser cuff section, flap on the chest, left thigh and kneepad pockets. 2 bands of 60mm reflective tape around each leg. Sizes : S and above
MV25	Jacket with navy contrast material on lower torso and sleeves. 2 bands of retro-reflective tape around the torso and each arm. Single breast pocket. Sizes : S and above
MV26	Trouser with navy contrast material on upper and lower leg. 2 bands of retro-reflective tape around each leg. 1 rear; 1 thigh rule pocket. Knee pad pockets. Sizes : S and above

Classification:	EN ISO20471:2013	Area of visible material	MV 28: Class 3 / MV 25 & MV27: Class 2 / MV 26: Class 1
	EN ISO 11611:2015	Impact of Spatter	Class 2
		Radiant Heat	Class 1
	EN ISO 11612:2015	Limited Flame Spread	A1 & A2
		Convective Heat	B2
		Radiant Heat	C1
		Contact Heat	F1
		Thermal Resistance to electric arc	Class 1
	EN1149-5: 2008	Electrostatic properties	Pass
	IEC 61482-2:2009		Class 1

Manufactured by:
Portwest Ltd
Room 1104,
Fuzhou International
Financial Center,
No. 1, Wanglong 2nd Road,
Taijiang area,
Fuzhou city, Fujian Province,
China 350001

SATRA: SPC0180589/0949, SPC0194298/1119/1, SPC0194298/1119/2, SPC0223595/1414, SPC0194298/1119/3, SPC0199372/1147/2, SPC0198757/1143, SPC0216775/1330/2, SPC0231394/1502, SPC0254374/1707, SPC0257018/1718, SGS:SH9134711/TX, SH11010098/TX, SH11010120/TX, SHSL1201010793TX, SHSL1203043734TX, BTTG:2401256A/8/11; 30/05795/1/+2/+3; AITEX: 2011EP0806; 2013EP0986

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 standard: **EN ISO 20471: 2013; BS EN ISO 11611: 2015; BS EN ISO 11612: 2015; EN 1149-5: 2008; IEC 61482-2:2009**

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 issued subject to the conditions on the reverse side of this certificate
3. CE Marking of production is also reliant on current compliance with Directive 89/686/EEC Article 11
4. Where a translation of this certificate exists, the English language version shall be considered as the authoritative text

Signed:

(Andrew Craggs)

Date 29/06/2017

Signed:

On behalf of SATRA

CONDITIONS AND NOTES

1. CARE AND PROTECTION OF CERTIFICATES

This certificate shall be kept together with the relevant technical files in a safe place by the client named on this certificate. Production of this certificate and other documentation may be required by a representative of the EC member state government (in the UK, this will be Trading Standards Department of Local Authorities) and these must be produced within the specified time.

2. EXPIRY OF CERTIFICATES

This certificate relates only to the condition of the testable items at the time of the certification procedure. This certificate will cover the product until such a time that any of these conditions are changed. The certificate therefore does not have an expiry date.

3. WITHDRAWAL OF CERTIFICATES

SATRA Technology Centre reserves the right to withdraw this certificate if it is found that a condition of manufacture, design, materials or packaging have been changed and therefore no longer comply with the requirements of the PPE directive.

4. LOSS OF CERTIFICATES

If you lose this certificate you can get a duplicate from SATRA Technology Centre for a minimal charge by quoting details such as the approximate date of issue and the product reference.

PPE Doc 13/14 Issue 1

SATRA Technology Centre, Wyndham Way, Telford Way,
Kettering, Northamptonshire, NN16 8SD, United Kingdom
Tel: +44 (0)1536 410000 Fax: +44 (0)1536 410626
email: info@satra.co.uk www.satra.co.uk