

# EU Type-Examination Certificate

## Certificate number: 2777/12420-01/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation:

Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

**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 <sup>2</sup> 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
MV46	Trouser with navy contrast material on lower leg, knees and pocket flaps. 2 bands of retro-reflective tape around each leg. Sizes: S and above

**Classification:**

**EN ISO20471:2013**

MV28: Class 3 / MV25, MV27 & MV46: Class 2 / MV26: 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

**EN ISO11611:2015**

Impact of spatter  
 Radiant heat  
**EN1149-5:2018**  
**IEC 61482-2:2009**  
**EN13034:2005+A1:2009 (Type 6)**  
 30% Sulphuric Acid  
 10% Sodium Hydroxide  
 o-Xylene  
 Butan-1-ol

Class 2  
 Class 1  
 Pass  
 Class 1

**EN ISO11612:2015**

Limited flame spread  
 Convective heat  
 Radiant heat  
 Contact heat  
 Thermal Resistance to electric arc  
 Class A1 & A2  
 Class B2  
 Class C1  
 Class F1  
 Class 1

	<b>Penetration</b>	<b>Repellency</b>
	3	3
	3	3
	3	1
	3	2

**Standards/Technical specifications applied:**

EN ISO 20471:2013+A1:2016; EN ISO 11611:2015; EN ISO 11612:2015; EN 1149-5: 2018; IEC 61482-2:2009 Ed 1; EN 13034:2005+A1:2009

**Technical reports/Approval documents:**

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, SPC0273957/1831 issue 2, SPC0274061/1832, SPC0277958/1846, SPC0273957/1831/JS  
 SGS:SH9134711/TX, SH11010098/TX, SH11010120/TX, SHSL1201010793TX, SHSL1203043734TX,  
 BTTG:2401256A/8/11; 30/05795/1+2+3;  
 AITEX: 2011EP0806; 2013EP0986. IQM: S00494

Signed on behalf of SATRA:  
**Date first issued: 27/03/2019**  
**Date of issue: 27/03/2019**



Andrew Craggs



Quincey Brown

**Expiry date: 27/03/2024**

# TERMS AND CONDITIONS

The following conditions apply in addition to SATRA's standard terms and conditions of business and those given in the current certification agreement.

The certificate holder is licensed to mark the products detailed within this certificate in accordance with Annex V (Module B) of the Regulation (EU) 2016/425 of the European Parliament and of the council of 9th March 2016 on personal protective equipment once you have drawn up an EU declaration of product conformity. Please note:

1. Where the product is classified as category III then CE Marking of production is reliant on current compliance with Regulation 2016/425 module C2 or Module D. (Except that specifically produced to fit an individual user).
2. Full details of the certification and product are contained within the manufacturer's technical documentation.
3. Where a translation of this certificate exists, the English language version shall be considered as the authoritative text.
4. Certification is limited to production undertaken at the sites listed in the manufacturers technical documentation.
5. Ongoing manufactured product shall be consistent with the product(s) certified and listed on this certificate.
6. The Manufacturer shall inform SATRA of any changes to the certified product or technical documentation.
7. This certificate shall be kept together with the relevant technical documentation 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.
8. This certificate relates only to the condition of the testable items at the time of the certification procedure and is subject to the expiry date shown.
9. SATRA Technology 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 Regulation 2016/425.