

# EU Type-Examination Certificate

## Certificate number: 2777/11244-02/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:**

	Multi protection garments made in 98% polyester, 2% carbon fibre, flame retardant, chemical resistant, anti-static fabric. FR cotton lined. Jacket S778/S774/S785 worn with trousers, S780/S781/S772, constitutes a suit
S778	Jacket with 2 bands of retro reflective tape around the torso and each arm; 1 band over each shoulder. Zipped front, 2 hip pockets. Flame resistant quilted lining. Garment Size: XS and above (Chest: 111cm.) (High Visibility Yellow / Orange)
S774	Jacket, as S778 above but with FR navy Cotton Lining. Garment size: XS and above (Chest: 111cm.) (High Visibility Yellow / Orange)
S785	Jacket, non-high visibility variant of S778. Garment size: S and above (Chest: 118cm) (Red / Royal Blue / Navy)
S780	Trousers with 2 bands of tape around each lower leg. Sizes: S and above (Inside leg: 81.5cm.) (High Visibility Yellow / Orange)
S772	As S780, unlined trouser, but in Navy blue fabric Garment sizes: S and above
S781	As S780 but with a fixed, FR, cotton lining Garment sizes: S and above; (High Visibility Yellow / Orange)
S775	Coverall with 2 bands of tape around the torso, each arm, each lower leg and 1 band over each shoulder starting at the radio loops. Contrast to the ends of each leg and arm. Garment Size: S and above. (High Visibility Yellow / Orange/Contrast Navy)
S776	Bodywarmer with 1 band of tape around the torso and one over each shoulder. Garment Size: S and above. (High Visibility Yellow / Orange)

RIS 3279 TOM Issue 1 - Pass, orange colour only

**Classification:**

<b>EN ISO 20471:2013+A12016</b>	S778/S775	S774	S780	S781	S776	S772	S785
Area of visible material	Class 3	Class 3	Class 1	Class 1	Class 2	X	X
<b>EN 343:2019</b>							
Resistance to water penetration:	Class 3	Class 3	Class 3	Class 3	X	Class 3	Class 3
Water vapour resistance:	Class 1	Class 3	Class 3	Class 3	X	Class 3	Class 1
<b>EN ISO 14116:2015</b>							
Limited flame spread	Index 3	Index 3	Index 1	Index 3	Index 3	Index 1	Index 3
<b>EN 1149-5:2018</b>	Outer						Outer
Surface resistivity	Pass	Pass	Pass	Pass	Pass	Pass	Pass

**EN 13034:2005+A1:2009** S775 coveralls or Jacket/Trouser combinations form a Type 6 Suit Type PB [6]

Penetration Resistance **Class 3:** 30% Sulphuric Acid, 10% Sodium Hydroxide, o- Xylene, Butan-1-ol  
Repellency resistance **Class 3:** 30% Sulphuric Acid, 10% Sodium Hydroxide; **Class 2:** o- Xylene ; **Class 1:** Butan-1-ol

**EN 14058:2017** S778 and S785 Jackets: Thermal Resistance Class 3 Air Permeability Class 3 Insulation value,  $I_{cler}$  X

**Standards/Technical specifications applied:**

EN ISO 20471:2013+A1:2016; EN 343:2019; EN ISO 14116:2015; EN 1149-5: 2018; EN 13034:2005+A1:2009; EN ISO 13688 :2013; EN 14058: 2017

**Technical reports/Approval documents:**

SPC0220770/1351/1; SPC0220770/1351/2; ZHT00596146; 2012 2499, SPC0232110a/1506, SPC0232110b/1506, SPC0263881/1744 Issue 2; SPC0270850/1819; TR2888/40366, TR2888/40367, TUV001689; SGS1107151856TX, 1203029138TX, 3468840/TX, SPC0183387/1011/1, WYMTS62296, 61548, 61550, 61733, 68352; 38926-01/02; BV(9315)124-1043, (9315)126-05, 30/05795/1; SPC0198757/1143, 11/17018; 30/07488/1, 30/07488/2, 30/07488/3, 11/19272/C/PJH, 11/19272/B, 11/19272/A GZHT90523474, SPC0189942/1047/1, TUV004208, SPC0191324/1103, SPC0274964/1835, SPC02755458/1711

Signed on behalf of SATRA:  
**Date first issued: 21/09/2018**  
**Date of issue: 11/10/2019**



Andrew Craggs



Quincey Brown

**Expiry date: 21/09/2023**

# 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 scope of the certification and product(s) certified 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. Where results obtained during type testing are within the budget of uncertainty when compared to the pass requirement, classification or performance level, then it is the responsibility of the manufacturer to ensure that the factory production control and manufacturing tolerances are such that the product placed on the market meets with the stated requirements, classifications or performance levels.
8. 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.
9. 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.
10. SATRA 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.