

EU Type Examination Certificate

This is to certify that:

Respirex International Ltd
Unit F
Kingsfield Business Centre
Philanthropic Road
Redhill
RH1 4DP
United Kingdom

Holds Certificate Number:

CE 680569

In respect of:

**Model Simplair ventilated protective clothing against chemicals
To Technical Specification to satisfy Annex II of the PPE Regulation (EU) 2016/425**

on the basis BSI carried out the relevant Type Examination procedures in accordance with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V

For and on behalf of BSI:


Chris Lewis - Certification Director, Product Certification

First Issued: 2017-12-22

Latest Issue: 2017-12-22

Effective Date: 2018-04-21

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Product Specification

Range: RESPIREX SIMPLAIR A.E. SUIT & SIMPLAIR A.E. TANKSUIT

Materials in Range: Viton/Butyl/Polyester PART NO. A00002
Viton/Butyl/Viton PART NO. A00003
White Neoprene PART NO. A00009
Yellow double-sided neoprene PART NO. A00017
Fluorescent red neoprene PART NO. A00019
Yellow C2 PVC coated polyester PART NO. A00037
Green C2 PVC coated polyester PART NO. A00038
Green PVC coated polyester PART NO. A00073
Heavy-duty bromobutyl PART NO. A00092

Product Description: Reusable Type 2 'non-gas-tight' chemical protective suit designed for use with breathable air supplied from an external compressed air source providing positive pressure.

Sizes: S, M, L, XL, XXL

Product variants:

Zipper:

RESPIREX SIMPLAIR A.E. SUIT

DOUBLE SLIDE NYLON TOOTH ZIP (Z01, Z02, Z03, Z34, Z35)
SINGLE SLIDE NYLON FINE TOOTH ZIP (Z36, Z37)
SINGLE SLIDE METAL TOOTH ZIP (Z07, Z08, Z09)
NEOPRENE SINGLE SLIDE GAS-TIGHT ZIP (Z10, Z11, Z12)
PVC SINGLE SLIDE GAS-TIGHT ZIP (Z13, Z14, Z15, Z29, Z31)
PU SINGLE SLIDE GAS-TIGHT ZIP (Z32, Z33)

SIMPLAIR A.E. TANKSUIT

Z16 - SINGLE SLIDE NEOPRENE GAS-TIGHT ZIP WITHOUT STORM FLAPS
Z17 - SINGLE SLIDE PVC GAS-TIGHT ZIP WITHOUT STORM FLAPS
Z41 - SINGLE SLIDE PVC GAS-TIGHT ZIP c/w DOUBLE OVERLAPPING STORM FLAPS & VELCRO CLOSURE
Z43 - SINGLE SLIDE NEOPRENE GAS-TIGHT ZIP c/w DOUBLE OVERLAPPING STORM FLAPS & VELCRO CLOSURE
Z44 - SINGLE SLIDE NEOPRENE CONCEALED TOOTH (REVERSED) GAS-TIGHT ZIP WITHOUT STORM FLAPS

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Product Specification (continued)

Product variants (continued):

Sleeve Terminations:

S01 ELASTICATED WRIST
S02 SOFT RUBBER CUFFS (CONE & GROMMET)
S03 LOCKING CUFFS
S04 REVERSED LOCKING CUFFS
S05 Plain/Open cuff
S08 'O' Ring cuff (PVC suits only)

Ankle Terminations:

L01 ELASTICATED ANKLE
L02 ELASTICATED ANKLE WITH ELASTIC STIRRUP
L03 ELASTICATED ANKLE WITH ELASTICATED OUTER LEG
L04 ELASTICATED ANKLE WITH ELASTICATED OUTER LEG & ELASTIC STIRRUP
L05 ELASTICATED ANKLE WITH PLAIN OUTER LEG
L06 ELASTICATED ANKLE WITH PLAIN OUTER LEG & ELASTIC STIRRUP
L07 INTEGRAL SOCK BOOT
L08 INTEGRAL SOCK BOOT WITH ELASTICATED OUTER LEG
L09 INTEGRAL SOCK BOOT WITH PLAIN OUTER LEG
L10 INTEGRAL SAFETY BOOT
L11 REMOVABLE SAFETY BOOT

Visor:

SIMPLAIR A.E. SUIT

V01 RIGID PVC VISOR WITHOUT OUTER VISOR
V02 FLEXIBLE PVC VISOR (0.5mm) TOTALLY TRANSPARENT HOOD
V03 RIGID PVC VISOR AND OUTER VISOR

SIMPLAIR A.E. TANK SUIT

V01 RIGID PVC VISOR WITHOUT OUTER VISOR
V03 RIGID PVC VISOR AND OUTER VISOR
V10 RIGID PVC VISOR WITH LIFTING EYE WITHOUT OUTER VISOR
V11 RIGID PVC VISOR WITH LIFTING EYE AND OUTER VISOR
V16 RIGID PVC VISOR WITH ESCAPE SET DIFFUSER AND OUTER VISOR
V67 RIGID PVC VISOR AND WITH WATER SEAL OUTER VISOR
V68 RIGID PVC VISOR AND WITH HOOK & LOOP STRIPS OUTER VISOR
V69 RIGID PVC VISOR WITH LIFTING EYE AND OUTER VISOR WITH HOOK & LOOP STRIPS

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Product Specification (continued)

Technical Specification: To Technical Specification to satisfy Annex II of the PPE Regulation (EU) 2016/425 using EN 943-1:2002 Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles — Part 1: Performance requirements for ventilated and non-ventilated “gas-tight” (Type 1) and “non-gas-tight” (Type 2) chemical protective suits.

Certificate Administration Details

Technical File Reference: 'SIMPLAIR A.E. SUIT & SIMPLAIR A.E. TANKSUIT TF007 ISSUE D'

Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Project Ref.
December 2017	First issue under PPE Regulation (EU) 425/2016, product initially approved to Article 10 of the PPE Directive 89/686/EEC under BSI issued certificate CE 641676.	0086:16:8797308

Note: The Certificate holder is responsible for keeping the Notified Body advised of changes to any aspect of the overall process used in the manufacture of the product.

Monitoring of manufactured PPE

The EC Quality of Production by Monitoring requirements, Article 11B/Module D, for the product are referenced in BSI issued Certificate Number CE 663347

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