

Certificate GB13/89302.00

Microgard Ltd.

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United Kingdom.

It is certified that the manufacturer's technical file and the PPE product detailed on page 2 have been assessed and found to be in accordance with

EC Directive 89/686/EEC EC Type-examination

This certificate is valid from 08 August 2013
Issue 3. Certified since 23 July 2013

There are multiple certificates issued for this scope. The main certificate is numbered GB13/89302.00 and must be used for any legal interpretation.

Authorised by

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EC Directive 89/686/EEC

EC Type-examination

Issue 3.

PPE Product

MICROGARD® 1500 PLUS FR Hooded Coverall, constructed from a white 54gsm SMMS nonwoven fabric with external sewn seams (using red thread); elasticated at the cuffs, ankles, hood & waist & finger loops attached to wrists; a front zip closure with flap & double sided tape. This garment is available in eight nominal sizes, product code: WR17-S-♦-111-**, where ♦ is the packaging type & ** is the garment size code.

It is certified that the manufacturer's technical file and the above mentioned PPE have been assessed and found to be in accordance with the requirements of Council Directive 89/686/EEC. When examined the PPE satisfied the requirements in the relevant harmonized standards:

- EN ISO 13982-1:2004 + A1:2010 (Type 5: Limited life, full body protection against airborne solid particulates);
- EN 13034:2005 + A1:2009 (Type 6: Limited life, full body chemical protective clothing offering limited protective performance against liquid chemicals);
- EN 1149-5:2008 (Protective clothing - Electrostatic properties) for electrostatic dissipative protective clothing with a charge decay, half decay time, $t_{50} < 4$ s.

In addition with one exception the PPE satisfied the requirements of EN 1073-2:2002 (Non-ventilated protective clothing against particulate radioactive contamination) with a performance classification of TIL Class 1. The exception is that clause 4.2 specifies that the minimum puncture resistance should be level 2, but the fabric used has a puncture resistance classification of level 1.

Also with one exception the PPE satisfied the requirements of EN ISO 14116:2008 (Protection against heat and flame – Limited flame spread material materials and clothing) for a performance classification of Index 1/0/0. The exception is that clause 6.2.1 specifies that the minimum tensile strength should be level 150N, but the fabric used has a tensile strength of >60N.

The manufacturer's information notices [MICROGARD® 1500 PLUS FR, Model 111, version 20.02.13 & MICROGARD® 1500 PLUS FR Bag, 23.1.13], in English, have been inspected and found to have addressed all of the relevant requirements of the standards. However, the detailed content of the information notice is the responsibility of the manufacturer, as are translations into other languages.

This certificate is issued on the strict condition that appropriate checks on manufactured PPE, as detailed in Article 11 of the Directive are implemented and maintained while the model is in production.

Certification is based on technical file reference: 1500 PLUS FR, issue 0

SGS Reference Number GB/PP 231156

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