



## EC Type-Examination Certificate

52914/1

Date of Issue: 17 June 2011

Expiry date: 17 June 2016

This is to certify that BTTG Testing & Certification Ltd, specified as a "notified body" under the terms of the Personal Protective Equipment Regulations 2002, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the relevant provisions of EC Directive 89/686/EEC, or as amended, subject to any conditions in the schedule attached hereto.

**Manufacturer:** 3M United Kingdom PLC

**Address:** 3M Centre  
Cain Road  
Bracknell  
Berkshire  
RG12 8HT


**Product Description:** 3M™ 4545 Protective Coverall


**Technical File reference:** TF0255

**Harmonised Standard(s):** EN 340:2003  
EN 13034:2005/A1:2009 (Type 6)  
EN ISO 13982-1:2004 (Type 5)  
EN 1073-2:2002 (Class 1) excluding Clause 4.2 (Puncture)  
EN 1149-1:2006  
EN 1149-5:2008  
EN 14126:2003 (6-B, 5-B)

This certificate relates specifically to the PPE items described and depicted in the manufacturer's Technical File, copies of which are held by the manufacturer and BTTG, and not to any other items.

The attached schedule of approval forms part of this certificate. This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Certificate Authorised by: .....  ..... A Didycz  
Certification Officer

and: .....  ..... C A Butcher  
Certification Manager



Issued by BTTG Testing & Certification Ltd., Notified Body Identification No. 0338.

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## CONDITIONS OF CERTIFICATION

### Description of product

Protective coverall with hood:

**3M™ 4545 Protective Coverall**

Available in the following fabric:

**Breathable non-woven Polyethylene / Polyester laminated with Polyethylene (49 g.m<sup>-2</sup>) (White)**

### Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The garment was available in a size range which conformed to the manufacturer's size range, rather than the requirements of EN 13034, EN ISO 13982-1, EN 1073-2, and EN 1149-5, which refer to EN 340, which in its latest version (2003) refers to EN 13402. In the opinion of BTTG Testing & Certification, this size range fulfils the requirements of Annex II, Clause 1.3.1 of Directive 89/686/EEC.
- The 3M™ 4545 Protective Coverall meets the requirements of EN 1073-2:2002 except for the Puncture Resistance of the fabric, which meets Class 1 rather than Class 2 as required by the standard. The end user must decide on the basis of a risk assessment whether the resistance to puncture of the garment is acceptable.
- The User Information has been assessed in the English language only. It is the responsibility of the Manufacturer / Authorised Representative to ensure the content and accuracy of the User Information presented in other languages.

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## Schedule of Approval (continued)

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### DOCUMENTATION SUBMITTED (Technical File – TF0255):

#### Approval Documents

- Fabric test report Nos. 11/14303/PJH; PT220909B/CF; 09.09.82; 09.11.83; 11/14663/PJH; 2400876/9/09; 9415
- Garment test report Nos. 11/15249/PJH; SPC0187607/1034; 602-00698(d); 602-00647(b); 602-00619(c); 602-00762; 602-00619(d); 52876/A-E
- Design report No. 52894/A/CS
- Innocuousness test report No. TR2753/91849

#### Product Documentation

- Product description
- Drawings
- Fabric description and test data
- Supplier's Innocuousness statements for fabric and components
- Component list
- Size chart
- ISO 9001 certificates for manufacturing sites
- Article 11 information for manufacturing sites
- Labelling
- User Information
- Notice of end use

### Terms and Conditions associated with the issue of EC Type-Examination Certificate No: 52914/1

1. This certificate is issued subject to BTTG's standard terms of business.
2. Production is limited to the site(s) listed in the manufacturer's Technical File, copies of which are held by the manufacturer and BTTG, and not to any other production site(s).
3. Any change to the product or quality manual / quality plan shall be immediately notified to BTTG.
4. This certificate is issued in the English language only. It is the responsibility of the Manufacturer / Authorised Representative to obtain and supply language versions acceptable to the country where the product is to be sold.
5. This certificate remains the property of BTTG and will be withdrawn if any of the conditions attached to its issue are not complied with.
6. This certificate does not authorise the use of the Mark of Conformity (the 'CE mark'), which may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when Article 11(A or B) of the Directive is fully complied with and controlled by a written agreement with a notified body.

END OF CERTIFICATE