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# SHIRLEY TESTING SERVICES

## EC TYPE-EXAMINATION CERTIFICATE

### NOTIFIED BODY IDENTIFICATION NO. 0338

**Certificate No:** 52177/1      **Date of Issue:** 13 April 2006

This is to certify that BTTG Shirley Testing Services, 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:** Lakeland Industries Inc.  
**Address:** 711-2 Koehler Avenue  
Ronkonkoma  
NY 11779-7410; U.S.A.

**Authorised Representative:** Lakeland Industries Europe Ltd  
**Address:** Wallingfen Park  
236 Main Road, Newport  
East Yorkshire  
HU15 2RH; UK

**Product Description:** Micromax NS    **Product Code** EMN 428  
**Also known as:** Tector Micro    **Product Code** EMF 428  
**Also known as:** Cover-Care    **Product Code** EMC 428  
**Also known as:** Ultra-Chem    **Product Code** EMU 428  
**Also known as:** Nexsafe NS    **Product Code** EMNS 428    as sold by Safe srl, in Italy

**Technical File reference:** EUR TC No. 001 (52011)

**Harmonised Standard(s):** EN 13034:2005 Type 6  
EN 340:2003

**Technical Specification:** prEN ISO 13982-1:2000

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.

Signed: ..... *Chris Butcher* .....

C A Butcher  
Certification Officer

Manager, Certification: ..... *N I Sorensen* .....

N I Sorensen  
Shirley Testing Services

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## Schedule of Approval

**Certificate No: 52177/1**

**Date of Issue: 13 April 2006**

**Issued by: BTTG Shirley Testing Services. Notified Body No. 0338.**

**Lakeland Industries Inc.**

**EUR TC No. 001**

### CONDITIONS OF CERTIFICATION

#### Description of product

Protective coverall with hood: **Micromax NS Product Code EMN 428**

Also known as:

<b>Tector Micro</b>	<b>Product Code EMF 428</b>
<b>Cover-Care</b>	<b>Product Code EMC 428</b>
<b>Ultra-Chem</b>	<b>Product Code EMU 428</b>
<b>Nexsafe NS</b>	<b>Product Code EMNS 428</b>

Available in the following fabric:

**Microporous polyethylene film laminated to spunbond polypropylene (65 g.m<sup>2</sup>)**

#### Technical Specification

The manufacturer's Technical Specification for limited protection against solid particulate chemicals was based on prEN ISO 13982-1 (2000) – "Protective clothing against solid particulate chemicals – Part 1: Performance requirements for chemical protective clothing providing protection to the full body against solid particulate chemicals (type 5 clothing)". The suitability of this specification was checked with respect to the Basic Health and Safety Requirements of EC Directive 89/686/EEC, and was found to address the requirements for PPE offering limited protection against solid particulate chemicals.

prEN ISO 13982-1 (2000) has been replaced by EN ISO 13982-1:2004, which is a Harmonised Standard. The Authorised Representative has stated that testing will be carried out in order to confirm that the MicroMAX range of coveralls meet the requirements of EN ISO 13982-1:2004. This certificate will be reissued once such testing is complete.

#### Limitations of Use

- Usage, maintenance and storage as per manufacturer's instructions.
- The garment was available in a size range which did not conform to the requirements of EN 13034:2005, which refers to EN 340, which in its latest version (2003) refers to EN 13402, but which conformed to the requirements of EN 340:1993. In the opinion of BTTG Shirley Testing Services, this size range fulfils the requirements of Annex II, Clause 1.3.1 of Directive 89/686/EEC.
- The garments tested against the whole suit tests specified in EN 13034 and prEN ISO 13982-1 were Micromax coveralls, which are of identical design to the Micromax NS coverall. The fabric in the Micromax suits is the same as that in Micromax NS, except that it has a nylon scrim in the laminate. In the opinion of BTTG Shirley Testing Services this nylon scrim should not affect the barrier properties of the fabric, therefore the whole suit test results for the Micromax suits are also applicable to the Micromax NS suits.
- 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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**Issued by: BTTG Shirley Testing Services. Notified Body No. 0338.**

**Lakeland Industries Inc.**

**EUR TC No. 001**

**DOCUMENTATION SUBMITTED (Technical File – EUR TC No. 001):**

**Approval Documents**

- Fabric test report Nos. 13956/HPM005/A1232/EC; 52011/5/LP; 0176/06; 04.07.05
- Seams test report No. TX 35903(2)/CI/02
- Garment test report Nos. AP/130/051U(a); TX 35903(1)/CI/02
- Innocuousness test report No. 19743

**Product Documentation**

- Product description
- Drawings
- Fabric description and test data
- Supplier's Innocuousness statements for fabric and components
- Component list
- Size chart
- ISO 9001:2000 certificates for manufacturing sites
- Article 11B certificates for manufacturing sites
- Labelling
- User Information
- Notice of end use

**Terms and Conditions associated with the issue of  
EC Type-Examination Certificate No: 52177/1**

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

