



By Royal Charter

## EC Type Examination Certificate

This is to certify that:

3M United Kingdom Plc  
3M Centre  
Bracknell  
Berkshire  
RG12 8HT  
United Kingdom

Holds Certificate Number:

CE 615730

In respect of:

**Respiratory protective devices to EN 12942:1998+A2:2008**  
**Power assisted filtering devices incorporating full face masks**  
**Model: 3M™ Versaflo™ TR-603E-ASB Powered Air Turbo System.**

On the basis of our examination, under the requirements of Council Directive 89/686/EEC "Personal Protective Equipment" Article 10, EC Type-Examination

For and on behalf of BSI, a Notified  
Body for the above Directive  
(Notified Body Number 0086):

  
Pietro Foschi - Strategic Delivery Director

First Issued: 26/01/2015

Latest Issue: 26/01/2015

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
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# EC Type Examination Certificate

No. CE 615730

## Product Details

|                                  |   |
|----------------------------------|---|
| <b>Product name:</b>             | Powered Air Turbo System.   |
| <b>Product type:</b>             | Power assisted filtering respiratory system incorporating a full face mask. |
| <b>Model:</b>                    | 3M™ Versaflo™ TR-603E-ASB.  |
| <b>Technical Specification:</b>  | Harmonized European Standard EN 12942:1998+A2:2008.                         |
| <b>EN 12942 classifications:</b> | Class TM3P R SL<br>Class TM3A1P R SL.                                       |

## Product assessments

The product assessment was based on BS EN 12942:1998 +A2:2008, the English language version of EN 12492:1998+A2:2008, respiratory protective devices – Power assisted filtering devices incorporating full face masks, half masks or quarter masks.

## Basic description

The major components of the system are the 3M 7900PF Full Facepiece, the 3M Versaflo TR-603E-ASB Powered Air Turbo Unit, the 3M BT-50 Breathing Hose (and optional 3M RTN-01 Retainer), the 3M TR-632 Battery Pack and the 3M TR-6710E P Filter or 3M TR-6110E A1P Filter.

The Full Facepiece is the subject of a separate EC Certificate.

## Additional characteristics of the system's components

The Powered Air System satisfies the following requirements:  
BS EN 60529:1992 - Degrees of protection provided by enclosures (IP code).

Protected against spraying water IPX4.

Dust protected IP5X.

The Powered Air Turbo Unit and Battery Pack when fitted with the 3M Cleaning Plugs and 3M Battery Strap respectively satisfy the following requirements:-

Protected against water immersion IPX7.

Dust tight IP6X.

The 3M TR-603E-ASB Powered Air Turbo Unit also complies with the requirements of the Electromagnetic Compatibility Directive 2004/108/EC.

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## Packaged variants

The product referenced on this Certificate may also be sold as market specific packaged variants. Such variants will be differentiated and the Technical File will be updated with the appropriate information.

## Kits and packouts

The product referenced on this Certificate may also be combined with other 3M products into a kit or packout. There will be no change to the product but the user information may vary, in such instances the Technical File will be updated with the appropriate information.

## Certificate Administration Details

**Technical File** TF0421 – TR-603E-ASB System  
**References:** TF0429 - TR-600 Series Filters  
TF0336 – 7900PF Full Facepiece.

## Certificate Amendment Record and internal BSI Review related to this Certificate:

| Issue date   | Comments                                     | BSI Review No. |
|--------------|--|----------------|
| Latest Issue | First issue, 3M Versaflo TR-603E-ASB System. | 0086:8168513   |

## Certificate validity.

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of production following the introduction of such changes.

The validity of the Certificate is also dependent on the maintenance of the EC quality of production by monitoring system PPE Article 11B as referenced on BSI Certificate CE 595701.

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