

# EU Type Examination Certificate

This is to certify that:

Scott Health & Safety Ltd  
Pimbo Road  
West Pimbo  
Skelmersdale  
WN8 9RA  
United Kingdom

Holds Certificate Number:

CE 697487

In respect of:

**Duraflow PAPR System incorporating the following Headtops:  
FH1, FH2, FH21, FH6/62, 3M™ Versaflo™ M-206/M-207 and 3M™ Versaflo™ M-306/M-307 to EN  
12941:1998+A2:2008 - Respiratory protective devices - Powered filtering devices incorporating a  
helmet or hood and FM3 & FM4 to EN 12942:1998+A2:2008 - Respiratory protective devices - Powered  
assisted filtering devices incorporating a full face, half mask or quarter mask.**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 2797):

Previous Notified Body: BSI 0086

First Issued: 2018-10-04

Latest Issue: 2020-04-20

Drs. Dave Hagenaaars, Managing Director

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# EU Type Examination Certificate

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Product: Duraflow PAPR System incorporating the following Headtops:

Loose fitting headtops: FH1, FH2, FH21, FH6/62, M-206/M-207 and M-306/M-307

Technical Specification: EN 12941:1998+A2:2008 – Respiratory protective devices - Powered filtering devices incorporating a helmet or hood

Tight fitting headtops: FM3 and FM4

Technical Specification: EN 12942:1998+A2:2008 - Respiratory protective devices - Powered assisted filtering devices incorporating a full face, half mask or quarter mask

Battery Durations:

Battery Type	Filter Type	MMDF	Duration
Standard	Combination	160 l/min	4.5 Hours
Standard	Particulate	160 l/min	8 Hours
Extended	Combination	160 l/min	9 Hours
Extended	Particulate	160 l/min	16 Hours

Approved Filters:

Headtops	Standard	Filters									
		PF10 P R SL (5052670)	PFR10 P R SL (5052680)	CF 22 A2P R SL (5042670)	CF22 B2P R SL (5042671)	CF22 A2B2P R SL (5542674)	CF22 A2B2E1P R SL (5042678)	CF32 A2B2E2K2P R SL (5042799)	CF32A2B2E2K2HgP R SL (5542798)	Number of Filters used	
FH1	EN 12941:1998+A2:2008	TH3	X	X	X	X	X	X	X	X	2
FH2		TH3	X	X	X	X	X	X	X	X	2
FH6/62		TH2	X	X	X	X	X	X	X		2
FH21		TH3	X	X	X	X	X	X	X	X	2
M-206/M-207		TH2	X	X	X	X	X	X	X	X	2
M-306/M-307		TH2	X	X	X	X	X	X	X	X	2
FM3		EN 12942:1998+A2:2008	TM3	X	X	X	X	X	X	X	X
FM4	TM3		X	X	X	X	X	X	X	X	2

Notes: A1 gas classification on CF32 range of filters  
 A1 gas classification with CF22 range of filters  
 Hg filters only approved with TH3 and TM3 systems

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Approved hoses

		Hoses												
		Duraflow (160)	ADP-03 QRS Adaptor	2024474 Stretch hose assy	2018675 Non Stretch hose assy	5564453 EPDM Hose Assy	2029804 Longer Stretch Hose Assy	2029805 Longer non Stretch Hose Assy	2029806 Longer EPDM Hose Assy	2018666 Non Stretch hose assy	5564454 EPDM hose assy	2024475 Stretch hose assy	2024472 Non Stretch hose assy	5064458 EPDM hose assy
Headtops	Standard													
FH1	EN 12941:1998+A2:2008	TH3		X	X	X	X	X	X					
FH2		TH3		X	X	X	X	X	X					
FH6/62		TH2										X	X	X
FH21		TH3		X	X	X	X	X	X					
M-206/M-207		TH2	X		X	X				X				
M-306/M-307		TH2	X		X	X				X				
FM3		EN 12942:1998+A2:2008	TM3								X	X		
FM4	TM3									X	X			

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# EU Type Examination Certificate

No. CE 697487

Associated headtops

Product name: **FH1 PAPR Open Headtop**

Product type: Powered air filtering device incorporating a helmet or hood. The FH1 headtop is a fully adjustable headtop designed to fit head sizes with a horizontal measurement of 53-66cm and a vertical measurement of 53-72cm. The FH1 has an internal soft elasticated head net with a lightweight brow band, comfort sweat-band and a neoprene face seal.

Technical specification: The FH1 is designed to operate with a flow rate between 120-220 litres per minute and compatible for use with Scott PAPR systems. Respiratory characteristics are specified on page 2 & 3 of this certificate.  
Harmonised European standard EN 12941:1998+A2:2008 - Respiratory protective devices  
- Powered filtering devices incorporating a helmet or hood.

Non-respiratory protective characteristics of the FH1 PAPR Open Headtop

Product type: PETG Clear visor 0.75mm thick  
Optical class: 1  
Mechanical protection: High speed particles - F Low impact  
Technical specification: EN 166:2001-Personal eye protection

Product name: **FH2 PAPR Open Headtop**

Product type: Powered air filtering device incorporating a helmet or hood. The FH2 headtop is a fully adjustable headtop designed to fit head sizes with a horizontal measurement of 53-66cm and a vertical measurement of 53-72cm. The FH2 has an internal soft elasticated head net with a lightweight brow band, comfort sweat-band and a neoprene face seal.

Technical specification: The FH2 is designed to operate with a flow rate between 120-220 litres per minute and compatible for use with Scott PAPR systems. Respiratory characteristics are specified on page 2 & 3 of this certificate.  
Harmonised European standard EN 12941:1998+A2:2008 - Respiratory protective devices  
- Powered filtering devices incorporating a helmet or hood.

Non-respiratory protective characteristics of the FH2 PAPR Open Headtop

Product type: PETG Clear visor 0.75mm thick  
Optical class: 1  
Mechanical protection: High speed particles - F Low impact  
Technical specification: EN 166:2001 - Personal eye protection

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Associated headtops (continued)

Product name:	<b>FH21 PAPR Open Headtop</b>
Product type:	Powered air filtering device incorporating a helmet or hood. The FH21 headtop is a fully adjustable headtop designed to fit head sizes with a horizontal measurement of 53-66cm and a vertical measurement of 53-72cm. The FH21 is an anti-static full hood, manufactured from polyuretherene-coated nylon, visor manufactured in Poly Ethylene Tetra Glycol (PETG) and has internal soft elasticated head net with a lightweight brow band, comfort sweat-band and a neoprene face seal.  The FH21 is designed to operate with a flow rate between 120-220 litres per minute and compatible for use with Scott PAPR systems. Respiratory characteristics are specified on page 2 & 3 of this certificate.
Technical specification:	Harmonised European standard EN 12941:1998/A2:2008 - Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.
Non-respiratory protective characteristics of the FH21 PAPR Open Headtop	
Product type:	PETG Clear visor 0.75mm thick
Optical class:	1
Mechanical protection:	High speed particles - F Low impact
Technical specification:	EN 166:2001-Personal eye protection

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Associated headtops (continued)

Product name: **FH6 PAPR Open Headtop**  
Product type: Powered air filtering device incorporating a helmet or hood. The FH6 headtop incorporates a Procap helmet manufactured from Nylon and meets the full requirements of EN 397:2012. There are two versions of this headtop available:

FH6PC - Procap Helmet with polycarbonate visor.  
FH62 - Procap Helmet with gold coated polycarbonate visor.

The FH6 range are designed to operate with a flow rate between 160-220 litres per minute and compatible for use with Scott PAPR systems. Respiratory characteristics are specified on page 2 & 3 of this certificate.

Technical specification: Harmonised European standard EN 12941:1998+A2:2008 - Respiratory protective devices  
- Powered filtering devices incorporating a helmet or hood.

Non-respiratory protective characteristics of the FH6 PAPR Open Headtop

Product type: 5064482 - Visor clear polycarbonate - SS 1FT 3 9  
5064483 - Visor clear polycarbonate hard coated - SS 1FT 3 9  
5064484 - Visor gold coated polycarbonate shade 5 - 5 SS 1FT 3 9  
5064472 - Visor carrier - SS FT 3 9

Technical specification: EN 166:2001 - Personal eye protection

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Associated headtops (continued)

Product name: **FM3 PAPR Closed Headtop**

Product type: Powered air filtering device incorporating a Full face mask. The FM3 system has a full face mask designed and constructed identical to the EN 136:1998 approved Scott Promask available in either halo-butyl elastomer (Procomp) or ultra-soft Silicone. The Procomp material mask is available in both small or medium size and the Silicone in one universal size.

The FM3 is designed to operate with a flow rate of between 120-180lpm and is compatible for use with Scott PAPR systems. Respiratory characteristics are specified on page 2 & 3 of this certificate.

Technical specification: Harmonised European standard EN 12942:1998+A2:2008 - Respiratory protective devices - Powered assisted filtering devices incorporating a full face, half mask or quarter mask.

Other respiratory protective approval of the FM3 PAPR Closed Headtop

Product type: Promask Full face mask

Classification: Promask Black – Class 3 (small/medium)

Classification: Promask Silicone- Class 2 (one size)

Technical specification: EN 136:1998 - Respiratory protection devices - Full face mask

Product name: **FM4 PAPR Closed Headtop**

Product type: Powered air filtering device incorporating a Full face mask. The FM4 system has a full face mask designed and constructed identical to the EN 136:1998 approved Scott Vision 2 manufactured from silicone elastomer. The FM4 facemask is available in either small or medium size.

The FM4 is designed to operate with a flow rate of between 120-180lpm and is compatible for use with Scott PAPR systems. Respiratory characteristics are specified on page 2 & 3 of this certificate.

Technical specification: Harmonised European standard EN 12942:1998+A2:2008 - Respiratory protective devices - Powered assisted filtering devices incorporating a full face, half mask or quarter mask.

Other respiratory protective approval of the FM4 PAPR Closed Headtop

Product type: Vision 2 Full face mask

Classification: CL2 (small/medium)

Technical specification: EN 136:1998 - Respiratory protection devices - Full face mask

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Associated headtops (continued)

Product name: **3M™ Versaflo™ M-206/M-207 Faceshields**

Product type: The Versaflo M-206 and M-207 Headtops comprise of an Industrial Bump Cap type Faceshield with a lift-up Visor/Faceseal section incorporating either a clear coated (M-927) or clear uncoated Visor (M-925).  
The models are identical except that as standard the M-206 and M-207 are fitted with Comfort and Flame Resistant Faceseals respectively. In use the Faceseals are interchangeable.

The M-206/M-207 are designed to operate with a flow rate of 160 litres per minute and compatible for use with Scott PAPR systems Duraflow and Proflow. Respiratory characteristics are specified on page 2 & 3 of this certificate.

Technical specification: Harmonised European standard EN 12941:1998+A2:2008 - Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Non-respiratory protective characteristics of the 3M™ Versaflo™ M-206/M-207 Faceshields

Technical specification: EN 166:2001 - Personal eye protection

Optical class: **1**

Mechanical protection: **BT** Protection against high speed particles, medium energy impact at extremes of temperature

**3** Protection against droplets and splashes of liquids

**9** Protection against molten metal and hot solids - Only applicable to M-925 (uncoated)

Technical specification: EN 812:2012 – Industrial Bump Caps  
Mandatory attributes plus following option:

Classification: **Option**  
Electrical properties

**Marking Symbol**  
440 V (a.c.)

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# EU Type Examination Certificate

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Associated headtops (continued)

Product name: **3M™ Versaflo™ M-306/M-307 Helmets**

Product type: The Versaflo M-306 and M-307 Headtops comprise of an Industrial Safety Helmet complete with a lift-up Visor/Faceseal section incorporating either a clear coated or clear uncoated Visor and a Comfort or Flame Resistant Faceseal. The models are identical except that as standard the M-306 and M-307 are fitted with Comfort and Flame Resistant Faceseals respectively. In use the Faceseals are interchangeable.

The M-306/M-307 is designed to operate with a flow rate of 160 litres per minute and compatible for use with Scott PAPR systems Duraflow and Proflow. Respiratory characteristics are specified on page 2 & 3 of this certificate.

Technical specification: Harmonised European standard EN 12941:1998+A2:2008 - Respiratory protective devices - Powered filtering devices incorporating a helmet or hood.

Non-respiratory protective characteristics of the 3M™ Versaflo™ M-306/M-307 Helmets

Technical specification: EN 166:2001 - Personal eye protection

Optical class: **1**

Mechanical protection: **BT** Protection against high speed particles, medium energy impact at extremes of temperature

**3** Protection against droplets and splashes of liquids

**9** Protection against molten metal and hot solids - Only applicable to M-925 (uncoated)

Technical specification: EN 397:2012+A1:2012 Industrial safety helmets

Mandatory attributes plus following options:

Classification:

**Option**

Lateral deformation

Electrical properties.

**Marking Symbol**

LD

440 V (a.c.)

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## Certificate Administration Details

Technical File Reference: FH6 & FH62 PAPR Open Headtops Technical File and Duraflow PAPR System Technical Files

## Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Review Ref.
October 2018	First issue. Products initially approved under the PPE Directive 89/686/EEC under BSI certificates CE 575327, CE 575328, CE 575329, CE 575332, CE 575335, CE 575337, CE 575339 & CE 575340	0086:18:9627743
June 2019	Removal of headtops FH31, FH32, FH63, FH65, FM1.1 and FM1.2	0086:19:9787498
August 2019	Revision to EN 166 impact levels of FH6/FH62	0086:19:3044186
April 2020	Addition of new headtop combinations: 3M™ Versaflo™ M-206/M-207 and M-306/M-307.	2797:20:3117750

## 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 so do could invalidate the Certificate in respect of production following the introduction of such changes.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificates CE 595701 and CE 01547.

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