

EC 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 575339

In respect of:

Model FM3 PAPR Open Face mask to EN 12942:1998+A2:2008

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):



Gary Fenton, Global Product Certification Director

First Issued: 2013-06-26

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Product Details

Product name: **FM3 PAPR Open Headtop**

Product type: Powered assisted filtering devices incorporating a full face mask, half mask or quarter mask. The FM3 system has a Scott Promask full face mask manufactured from either halo-butyl elastomer (Procomp®) or ultra-soft silicone. The Procomp® material mask is available in two sizes, small and medium, the silicone one, the Promask is certified to EN 136:1998.

FM3 is designed to operate with a flow rate of between 120 litres per minute and 180 litres per minute and is compatible for use with Scott PAPR systems.

Technical Specification: Harmonized European Standard EN 12941:1998+A2:2008. Respiratory protective devices - powered filtering devices incorporating a full face mask, half mask or quarter mask.

Other respiratory protective characteristics of FM3 PAPR Full face Mask

Alternative model name: **Promask**
Promask Silicone

Technical Specification: EN 136:1998 Respiratory protective devices – Full Face masks

Classification: Promask – Class 3
Promask Silicone – Class 2

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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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Blower Type	EN 12941:1998 +A2:2008 Classification			Duration					Breathing Hoses												
				4h	5h	6h	7h	7.5h	Spirit system						Tornado systems						
	MMDF (l/min)	TM2	TM3	Particulate, Gas, Combination	Combination	Gas, Combination	Particulate	Particulate, Gas, Combination	2022850 Stretch hose assy	2024438 Non Stretch hose assy	2024458 EPDM Hose Assy	2024440 Longer Stretch hose assy	2024463 EPDM hose assy	2023340 Stretch hose assy	2024439 Non stretch hose assy	2024461 EPDM hose assy	202474 Stretch hose assy	2018675 Non stretch hose assy	5564453 EPDM hose assy	2018666 Non stretch hose assy	5564454 EPDM hose assy
Spirit Base	160		X		X							X	X								
			X		X							X	X								
Spirit SX Smart	160		X		X							X	X								
			X		X							X	X								
Tornado Ex	110		X					X												X	X
			X					X												X	X
			X					X												X	X
Tornado Non Ex	110		X					X												X	X
			X					X												X	X
			X					X												X	X

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Blower Type	EN 12941:1998 +A2:2008			Duration					Breathing Hoses							
									ProFlow / Duraflow systems							
	Classification			4h	5h	6h	7h	7.5h								
	MMDF (l/min)	TM2	TM3	Particulate, Combination	Combination	Gas, Combination	Particulate	Particulate, Gas, Combination	2018666 Non stretch hose assy	5564454 EPDM hose assy	2024475 Stretch hose assy	2024472 Non stretch hose assy	5064458 EPDM hose assy	5069972 Hose PF 80 Angle	5064085 Hose PF 100 Angle	
ProFlow 2 SC (120)	120		X	X					X	X						
ProFlow 2 EX (120)	120		X	X					X	X						
ProFlow 2 SC (160)	160		X	X					X	X						
ProFlow 2 EX (160)	160		X	X					X	X						
ProFlow 3 (120)	120		X	X					X	X						
ProFlow 3 EX (120)	120		X	X					X	X						
Proflow Asbestos (120)	120		X	X					X	X				X	X	
Proflow Asbestos (160)	160		X	X					X	X				X	X	
Duraflow	160		X	X					X	X						

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Blower Type	Filters														Number of filters used
	Spirit				Tornado										
	SF10-P R SL	SF20-A2P R SL	SF30-A2B2E2P R SL	SF40-A2B2E2K1P R SL	PF251/2 P R SL	PF251/SUPER P R SL	TF200 A2	TF203 K1	TF210 A1B1E1	TF220 A2P R SL	TF223 K1P R SL	TF230 A1BE1P R SL	TF234 A1B2E2K1HgP R SL	TF233 A2B2E2K2HgP R SL	
Spirit Base	X														2
		X	X	X											2
Spirit SX Smart	X														2
		X	X	X											2
Tornado Ex					X	X									1
							X	X	X						2
										X	X	X		X	3
Tornado Non Ex					X	X									1
							X	X	X						2
										X	X	X		X	3

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Blower Type	Filters															
	ProFlow / Duraflow															
	PF10 P R SL	PFR10 P R SL	PFR10 P R SL MATEM	PF10 P R SL MATEM	CF22 A2P R SL	CF22 A2P R SL MATEM	CF22 B2P R SL	CF22 A2B2P R SL	CF22 A2B2P R SL MATEM	CF22 A2B2E1P R SL	CF32 A2B2E2K2P R SL	CF32 A2B2E2K2P R SL MATEM	CF32 A2B2E2K2HgP R SL	CF32 AXP NR SL	CF32 AXB2P NR SL	Number of filters used
ProFlow 2 SC (120)	X	X	X	X	X	X	X	X	X	X	X	X	X			2
ProFlow 2 EX (120)	X	X	X	X	X	X	X	X	X	X	X	X	X			2
ProFlow 2 SC (160)	X	X	X	X	X	X	X	X	X	X	X	X	X			2
ProFlow 2 EX (160)	X	X	X	X	X	X	X	X	X	X	X	X	X			2
ProFlow 3 (120)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3
ProFlow 3 EX (120)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3
ProFlow Asbestos (120)	X	X	X	X	X	X	X	X	X	X	X	X	X			2
ProFlow Asbestos (160)	X	X	X	X	X	X	X	X	X	X	X	X	X			2
Duraflow	X	X	X	X	X	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 used on Proflow 2 160 & Duraflow 160 systems
 CF32 AXP NR SL & CF32 AXB2P NR SL filters only approved with Proflow 3 120 systems

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Certificate Administration Details

Technical File References

System component	Technical File
FM3 PAPR Open Headtop	FM3 Headtop
Spirit, Tornado and Proflow PAPR	Blower units
Spirit, Tornado and Proflow PAPR Filters	Filters

Certificate Amendment Record and BSI internal report related to this Certificate

Issue date	Comments	BSI Project No.
June 2013	First issue for the FM3 PAPR Closed Headtop for use with Spirit Powered Air-Purifying Respirator to EN 12941:1998+A2:2008.	0086:12:7686539
November 2013	Addition of the Tornado and Proflow PAPR ranges	0086:13:8012191
December 2014	Addition of TF234 filter and AX filters. Proflow Filters re-named. Addition of TH235 filter, Proflow ASB 120 blower and Proflow 2 (160) blower.	0086:14:8139041
July 2015	Update of matrices to match approval matrix in technical file.	0086:15:8239271
November 2016	Addition of tornado Non Ex and update of the matrices	0086:16:8572841
June 2017	Update of matrices to match approval matrix in technical file and add Duraflow.	0086:17:8677036

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 product manufactured 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 01547.

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