

## EC TYPE-EXAMINATION CERTIFICATE: 0202

**Product description: -** Powered Filtering Respirators incorporating  
Helmet, Hood or Facemask

**Product identification: -** Tornado  
Tornado Mk II

**Manufacturer: -** Scott Health & Safety Limited  
Pimbo Road  
West Pimbo  
Skelmersdale  
Lancs WN8 9RA

When assessed and examined against harmonised standards EN12941:1998, EN12942:1998, EN166:1995 and EN397:1995; EN140:1998, plus extended exposure test as indicated on the attached schedule, are found to be in conformity with Council Directive 89/686/EEC and associated amendments, relating to personal protective equipment.

**And**

are manufactured under a Quality Control System which has been satisfactorily assessed as meeting the requirements of Article 11 Section B of the same Directive.

Signed.....  Date: 28<sup>th</sup> October 1994

K J Warren, Manager, Certification Services

**For and on behalf of INSPEC International Ltd.**  
**(Notified Body No: 0194)**

certificate invalid  
if not embossed

For terms and conditions of issue, see page 2

## Terms and Conditions

### Reference Documents: -

- |      |                          |   |   |
|------|--------------------------|---|---|
| i)   | Test Reports             | - | refer to attached Schedule  |
| ii)  | Technical File           | - | INSPEC Ref: TF/202  |
| iii) | Test and Inspection Plan | - | QP104 Iss. 6 Rev. 0<br>QP105 Iss. 8 Rev. 0<br>QP108 Iss. 6 Rev. 0<br>QP127 Iss. 15 Rev. 0<br>096.356.02 Iss. C<br>096.356.03 Iss. B |

### Conditions attached to the issue of this certificate:

- i) Marking and instructions have been assessed in the English language only. It is the Manufacturers/Authorised Representatives responsibility to obtain and supply language versions acceptable to the country where the product is to be sold.
- ii) Any changes to the product, technical file or quality manual/quality plan shall be immediately notified to INSPEC.
- iii) The Manufacturer/Authorised Representative shall comply at all times with INSPEC's Regulations governing CE Product Certification.
- iv) Satisfactory maintenance of independent certification against Article 11.B of the P.P.E. Directive.
- v) This Certificate remains the property of INSPEC and may be withdrawn if any of the conditions attached to its issue are not complied with.



# CERTIFICATION INDEX

Item	Status	Issued	Amendment
Pages 1 – 2 Schedules ONE – TWENTY	Withdrawn Withdrawn		
Page 1 – 6 extended file	Withdrawn	070509	To add reference to exposure, plus technical update to reflect change of production site for filters
Page1-6	Withdrawn	080122	
Pages 1-6 after	Withdrawn	080226	To add report references product modifications
Pages 1-6	Valid	081105	Addition of report reference following change in supplier of visor material

# CERTIFICATION SCHEDULE

Model	EN166	EN397	EN175 <sup>(2)</sup>	Options	
				Battery	Filters
(Half Hood) Tornado/1/SM/LW Tornado/1/ML/LW Tornado/1/SM/HD Tornado/1/SM/HD Tornado/1/ML/HD Tornado/1/ML/HD/D	-	-	-	TOR/BATT/H TOR/BATT/M	1 x Particulate TH2 2 x Gas 3 x Combined
(Hood) Tornado/2/LW Tornado/2/HD Tornado/2/ML/HD/D Tornado/2/HD/D	-	-	-	TOR/BATT/H TOR/BATT/M	1 x Particulate TH2 2 x Gas 3 x Combined
(Browmaster) Tornado/3 Tornado/3/HH Tornado/3/VISOR/AM/95	1B9 1B9 1F	-	-	TOR/BATT/H TOR/BATT/M	1 x Particulate TH2 2 x Gas 3 x Combined
(Weldmaster) Tornado/4	-	-	✓	TOR/BATT/H TOR/BATT/M	1 x Particulate TH2 2 x Gas 3 x Combined
TOR/WELD/UK TOR/WELD/EURO	-	-	✓ ✓	TOR/BATT/H TOR/BATT/M	1 x Particulate TH1 2 x Gas 3 x Combined
(Helmet Mounted Visor) Tornado/5 Tornado/5/D Tornado/5/HH	1B 1B 1B	✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>	-	TOR/BATT/H TOR/BATT/M	1 x Particulate TH2 2 x Gas 3 x Combined
(Full Facemask) Tornado/7/SM Tornado/7/ML	-	-	-	TOR/BATT/H TOR/BATT/M	1, 2 or 3 x Particulate TM3 3 x Gas 3 x Combined
(Full PVC or PU Hood) Tornado/9	-	-	-	TOR/BATT/H TOR/BATT/M	1 x Particulate TH2 2 x Gas 3 x Combined
Notes: (1) EN397 - also meet -30°C, electrical insulation option and molten metal splash options; (2) EN175 – not CE certified by INSPEC-International Ltd					



Model	EN166	EN397	EN175 <sup>(1)</sup>	EN140	Options	
					Battery	Filters
(Half Hood) T1/SM T1/ML	-	-	-	-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH2 2 x Gas 3 x Combined
(Hood) T2 T2/AS	-	-	-	-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH3 2 x Gas 3 x Combined
(Browmaster) T3/PC T3/AC	1B9 1F	-	-	-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH2 2 x Gas 3 x Combined
(Weldmaster) T4DVB/2 T4L T4TH	1B 1B 1B		S9 F9 S9	-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH2 2 x Gas 3 x Combined
(Helmet Mounted Visor)				-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH2 2 x Gas 3 x Combined
T5 /PC T5 /AC	1B9 1F	✓ <sup>(2)</sup> ✓ <sup>(2)</sup>	-	-		
T6DVB/2 T6L	1B 1B	✓ <sup>(2)</sup> ✓ <sup>(2)</sup>	S9 F9	-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH2 2 x Gas 3 x Combined
(Full Facemask) T7/SM T7/ML T7/VISION2/S, /S/PN T7/VISION2/M, /M/PN T7/VISION2/ML, /ML/PN	-	-	-	-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1, 2 or 3 x Particulate TM3 3 x Gas 3 x Combined
(Half Mask) T8/SM T8/ML	-	-	-	✓ ✓	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1, 2 or 3 x Particulate TM2 3 x Gas 3 x Combined
(Full PVC or PU Hood)				-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH3 2 x Gas 3 x Combined
T9 T9PU	-	-	-	-		
Helmet mounted visor with hood, T2 + T5				-	TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH3 2 x Gas 3 x Combined
T25 /PC T25 /AC	1B9 1F	✓ <sup>(2)</sup> ✓ <sup>(2)</sup>		-		

Model		EN166 <sup>(2)</sup>	EN169 <sup>(2)</sup>	EN175 <sup>(2)</sup>	Battery	Filters
T45	(a) Mask filter	2,B			TOR/BATT/H TOR/BATT/M TOR/BATT/LITE	1 x Particulate TH3 2 x Gas 3 x Combined
	(b) Welding Mask filter	F	1,7, 3, 5,			
	(c) Big visor filter	S	5,8,10, 12			
	(d) Visor filter	S	5,7,8,9,10,11			
	(e) Welding shield			S		

**FILTERS:-**

**Particulate**

PF251/2 THxP.SL/TM3P.SL  
PF251/SUPERTHxP.SL/TM3P.SL

**Combined**

TF220 THxA2P.SL/TM3A2P.SL  
TF223 THxKIP.SL/TM3K1P.SL  
TF230 THxABE1P.SL/TM3ABE1P.SL  
TF233 THxABEK2HgP.SL  
TM3ABEK2HgP.SL

**Gas**

TF200 THxA2/TM3A2  
TF203 THxK1/TM3K1  
TF210 THxABE1/TM3ABE1

Tor/Power	Class	T/Power	Class
Tornado 1, 2, 3, 4, 5, 9 +	TH2	T1, T3, T4, T5, T6	TH2
Tornado 7+	TM3	T4/	TH2
T1, 2, 3, 4, 5, 6,	TH2	T2, T9	TH3
T7	TM3	T7	TM3
TORWELD/UK, TORWELD/EURO	TH1	T8	TM2
(Mk II headtops may be used with Tor/Power blower as shown)		T25	TH3
T45 (Euromaski)	TH2	T45	TM2

**Report Nos:**

- INSPEC - 94.05.43, 94.08.26-29, 94.08.42, 94.10.21, 94.10.38-46, 95.08.33, 95.09.84, 95.09.85, 95.09.119, 95.10.07, 95.10.77, 95.11.61, 95.12.14/15, 96.01.26/27, 96.02.70/71, 96.10.80, 99.03.80, 99.05.05, 02.01.20A, 02.03.09, 02.05.18, 02.05.19, 02.09.09, 02.09.10, 07.02.06./07, 07.02.23-28, 07.03.01/03, 07.06.53, 07.06.35, 07.02.6A, 07.02.07, 07.02.23a, 07.02.24, 07.02.25, 07.02.26, 07.02.27, 07.02.28, 07.03.01, 07.03.02, 07.07.17, 07.10.63 06.02.76, 08.09.49
- Technical Files - INSPEC Certification ref: TF/543, TF/208, TF/202
- Associated Octel - 943601, 943602, 951401
- BSI - PL001679, 139216, 183417, 190124, 185858, PL00051

**T1-T9, T25 & T4/ + T/Power Report Nos:-**

- INSPEC -
- |     |                              |     |                                 |
|-----|------------------------------|-----|---------------------------------|
| T1  | 98.03.23, 97.09.45           | T6  | 98.04.08, 98.03.25, 97.10.47    |
| T2  | 97.09.46, 02.05.18           | T7  | 97.09.70, 97.09.71, 01.05.50/51 |
| T3  | 98.04.07, 97.10.45, 07.06.35 |     | 02.05.19                        |
| T4  | 97.10.46, 07.06.35           | T8  | 01.04.19, 07.06.35, 07.07.17    |
| T5  | 97.09.47                     |     | 07.10.63                        |
| T4  | 00.03.24, 01.05.66           | T9  | 00.05.74                        |
| T45 | 07.06.53                     | T25 | 02.06.34                        |



TECHNICAL FILE

TORNADO MKII

Model EC Declaration Of Conformity

**MODEL EC DECLARATION OF CONFORMITY**

The manufacturer of his authorised representative established in the Community<sup>(1)</sup>:

*Scott Health & Safety Ltd*

*Pimbo Road, West Pimbo*

*Skelmersdale, Lancashire,*

*WN8 9RA.*

declares that the new PPE described hereafter<sup>(2)</sup>:

*T7/VISION2/M, T7/VISION2/ML & T7/VISION2/S*

is in conformity with the provisions of Council Directive 89/686/EEC and, where such is the case, with the national standard transposing harmonised standard No. EN 136:1998.

is identical to the PPE which is the subject of EC certificate of conformity No. 202 issued by *INSPEC Certification Limited, Upper Wingbury Courtyard, Wingrave, Aylesbury Buckinghamshire HP22 4LW.*

is subject to the procedure set out in Article 11 point B of 89/686/EEC

Done at *Scott Health & Safety Ltd* on *13/09/05*



C Chatfield  
Support Engineer  
Signature<sup>(3)</sup>

- (1) Business name and full address; authorised representatives must also give the business name and address of the manufacturer.
- (2) Description of the PPE (make, type, serial number, etc.).
- (3) Name and position of the person empowered to sign on behalf of the manufacturer or his authorised representative.



TECHNICAL FILE

TORNADO MKII & T/A/LINE

Model EC Declaration Of Conformity

MODEL EC DECLARATION OF CONFORMITY

The manufacturer of his authorised representative established in the Community<sup>(1)</sup>:

*Scott Health & Safety Ltd*

*Pimbo Road, West Pimbo*

*Skelmersdale, Lancashire,*

*WN8 9RA.*

declares that the new PPE described hereafter<sup>(2)</sup>:

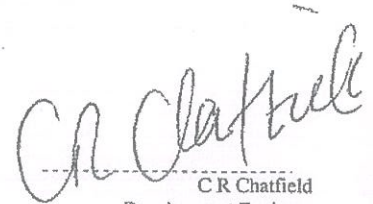
*ProCap & Tornado MKII, ProCap & T/A/LINE.*

is in conformity with the provisions of Council Directive 89/686/EEC and, where such is the case, with the national standard transposing harmonised standard No. EN 12941:1998 & EN 12942:1998.

is identical to the PPE which is the subject of EC certificate of conformity No. 202 issued by *INSPEC Certification Limited, Upper Wingbury Courtyard, Wingrave, Aylesbury Buckinghamshire HP22 4LW.*

is subject to the procedure set out in Article 11 point B of 89/686/EEC

Done at *Scott Health & Safety Ltd*, on *10 December 2003*



C R Chatfield  
Development Engineer

Signature<sup>(3)</sup>