



Finnish Institute of
Occupational Health

FIOH
notified by the Ministry of Social Affairs and Health
and identified under 0403 grants

EC TYPE EXAMINATION CERTIFICATE

10340SKS01

for face shield as defined in EN 1731:2006
5B or 5C mounted on G500 headgear
3M Svenska AB
33102 Värnamo, Sweden

This product complies with Directive 89/686/EEC, as amended

Helsinki, 18 June 2010

Helena Mäkinen
Team Leader

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This certificate comprises 3 pages and an appendix.

Finnish Institute of Occupational Health, Work Environment Development,
Protection and Product Safety, Notified Body No. 0403,
Topeliuksenkatu 41 a A, FI-00250 Helsinki, Finland



1. Applicant

3M Svenska AB
Box 2341
SE-33102 Värnamo,
Sweden

2. Description and identification of the product

Type: Mesh face screen type eye and face protectors mounted on model G500 headgear as defined in EN 1731:2006

Name: 5C and 5B

Description: Model 5B is a plastic mesh visor and Model 5C is a metal mesh visor. Both visors are black and are mounted to the Model G500 Headgear.

Manufacturer: 3M Svenska AB

Pictures of the product are on page 3

3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. The product has been tested in accordance with a harmonized European standard EN 1731:2006 by accredited testing laboratory. The models of the product supplied by the applicant conform to the technical documentation.

4. Compliance with basic health and safety requirements

The product and the technical documentation relating to it comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended, last amended by 96/58/EC (in Finland VNp 1406/93 Liite 1).

Note: Any modification in design, materials, or in the technical documentation, carried out on this type examined product must be brought to the attention of FIOH.

Appendix 1. Technical documentation

End of EC type examination certificate 10340SKS01.



Picture 1. Model 5B on G500 Headgear



Picture 2. Model 5C on G500 Headgear





Technical documentation regarding EC type examination certificate 10340SKS01

Product name: 5B and 5C on G500

Applicant: 3M Svenska AB

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	Nermin Jusufović, 2010-06-03	Contains adequate information
2. Product drawing, construction, and material list	P090005, 2009-11-20 P090284, 2009-01-23 P090347, 2009-11-12 P090348, 2009-11-12 P090349, 2009-11-12 P100022, Rev a.02, 2010-01-28 P100028, Rev a.01, 2010-02-03 P1000424, 2010-05-24	The product and materials are identified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.4	
3.1 FIOH assessment of relevant Directive basic requirements	2010-06-18	The applied harmonised standard EN 1731:2006 supports the relevant requirements
3.2 Test report	FIOH test report 10026T01, 2010-01-21	The product fulfils the requirements
3.3 Draft information sheet	Annex to the application	Fulfils the requirements
3.4 Product markings	On the drawings and samples	Fulfils the requirements
4. Description of the production quality system and related product control and test facilities	Quality assurance, Mesh visors according to EN 1731, 5B, 5C P100448, 2010-06-03	Fulfils the requirements



FIOH
notified by the Ministry of Social Affairs and Health and identified under
0403 grants

EC TYPE EXAMINATION CERTIFICATE

12329UNS01

for ear muff type hearing protectors as defined in EN 352-3:2002

Peltor Optime I, H510P3*
Peltor Optime II, H520P3*
Peltor Optime III, H540P3*
Peltor H31P3*

3M Svenska AB
Värnamo
Sweden

These products comply with Directive 89/686/EEC, as amended

Helsinki, 9 November 2012
Expiry date: 8 November 2017

Helena Mäkinen
Team Leader

Erja Tammela
Senior Specialist

This certificate comprises 3 pages and two appendices.
This certificate supersedes certificates 21331S01, 2002-04-11 and
23199S01-23199JPS06, last amended 2012-01-03



1. Applicant

3M Svenska AB
Malmstensgatan 19
S-33102 Värnamo
Sweden

2. Description and identification of the products

Type: Hearing protectors attached to industrial safety helmets, Peltor G22 helmet as the basic set and supplementary combinations as listed in Table in Appendix 2.

Name: Peltor Optime I, H510P3*
Peltor Optime II, H520P3*
Peltor Optime III, H540P3*
Peltor H31P3*
The stars in the name stand for different wedge-models in the helmets

Manufacturer: 3M Svenska AB

Picture of the products:



Optime I (H510P3), Optime II (H520P3), Optime III (H540P3) and H31P3*

3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. The products have been tested in accordance with harmonized European standard EN 352-3:2002 by accredited testing methods. The models of the products supplied by the applicant conform to the technical documentation.



4. Compliance with basic health and safety requirements

The products and the technical documentation relating to them comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended, last amended by 96/58/EC (in Finland VNp 1406/93 Liite 1).

Note: Any modification in design, materials, or in the technical documentation, carried out on this type-examined product must be brought to the attention of FIOH.

Appendix 1. Documentation

Appendix 2. List of possible helmet combinations

End of EC type examination certificate.



Technical and other documentation regarding EC type examination certificate

Product name: Peltor Optime I (H510P3*), Peltor Optime II (H520P3*), Peltor Optime III (H540P3*) and Peltor H31P3* with industrial safety helmets

Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2012-11-08, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	Material assembly: P010445, 2002-02-07 P010449, 2002-02-07 P010441, 2002-02-07 P950220 rev.a, 2008-05-20	The products and materials are identified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.4	
3.1 FIOH assessment of relevant Directive basic requirements	2012-11-09	The applied harmonised standard EN 352-3:2002 supports the relevant requirements
3.2 FIOH test reports	95081S03, 2001-03-26 95086T01, 1995-06-15 95484T01, 1995-09-20 98266T01, 1998-10-03 20084T01, 2000-03-21 21046T01, 2001-03-13 22004T01, 2002-04-12 21361T01, 2002-04-12 21331T01, 2002-04-12 23199T01, 2003-09-10 26099T01, 2006-09-07 26100T01, 2006-09-07 26101T01, 2006-09-07 26102T01, 2006-09-07 26103T01, 2006-09-07 26104T01, 2006-09-07 26105T01, 2006-09-07 26106T01, 2006-09-07 26276T01, 2007-08-29 26276T02, 2007-07-27 29201T01, 2009-06-17 29453T01, 2009-11-02 29563T01, 2010-01-14 10193T01, 2010-04-29 205388T01, 2012-10-22 205388T02, 2012-10-22 205388T03, 2012-10-22 205388T04, 2012-10-22	The product fulfils the requirements of EN 352-3:2002



<i>Item of documentation</i>	<i>Document identification</i>	<i>Remarks</i>
3.3 Draft information sheet	Generic English Master Text for Passive Ear Muffs- Optime and H31 Series 2012-11-05 Pkg Spec No.: XA-0077-7341- 0_Iss1 Primary label: XH-0016-5070-0	Adequate
3.4 Product markings	On product	Adequate
4. Description of the production quality system and related product control and test facilities	Quality assurance P951364.ver4, 2011-11-23	Adequate for category II products

End of documentation list.



Table 1. List of possible helmet combinations (S=small size, N=normal size, L=large size)

Helmet manufacturer	Helmet model	Wedge	H31	H510	H520	H540
3M	Airstream AH1, AH4	AE	NL	NL	NL	L
3M	Airstream AH7	AE	NL	NL	NL	L
3M	Airstream HT-701, HT-702, HT-705	AE	NL	NL	NL	L
3M	Airstream HT-707	AE	NL	NL	NL	L
3M	G500 Headgear	E	SNL	SNL	SNL	SNL
3M	Versaflo M-106, M-107	AF	NL	NL	NL	NL
3M	Versaflo M-306, M-307	AF	NL	NL	NL	NL
3M (Peltor)	G2000	K,E	SNL	SNL	SNL	SNL
3M (Peltor)	G22 (BASIC SET)	E	SNL	SNL	SNL	SNL
3M (Peltor)	G3000	E	SNL	SNL	SNL	SNL
Auboueix	Brennus	F	SNL	SNL	SNL	SNL
Auboueix	Fondelec	F	SNL	SNL	SNL	SNL
Auboueix	Iris	E	NL	NL	NL	NL
Auboueix	Iris 2	E	NL	NL	NL	NL
Auboueix	KARA	E	SNL	SNL	SNL	NL
Berendsen Safety	Balance	E	NL	NL	NL	NL
Berendsen Safety	Balance AC/3M 1465	E	NL	NL	NL	NL
Berendsen Safety	Balance HD	N	SNL	SNL	SNL	SNL
Berendsen Safety	Robust	E	SNL	SNL	SNL	SNL
Centurion	1100/ARCO type 2	H	SNL	SNL	SNL	NL
Centurion	1125/ARCO plus	H	SNL	SNL	SNL	SNL
Centurion	1540/ARCO	A	NL	NL	NL	NL
Centurion	Concept	E	SNL	SNL	SNL	SNL
JSP	EVOLITE	E	L	NL	NL	L
JSP	MK6R/MK7R	E	L	SNL	SNL	L
JSP	MK8	E	L	L	NL	L
Kemira	Top Cap	A	SNL	SNL	SNL	SNL
LAS	LP2002	E	SNL	SNL	SNL	SNL
LAS	LP2006	E	SNL	SNL	SNL	SNL
MSA	Super V-Gard II	E	SNL	SNL	SNL	SNL
MSA	V-Gard	E	SNL	SNL	SNL	SNL
Petzl	Vertex	E	SNL	SNL	SNL	SNL
Protector	Style 300	E	SNL	SNL	SNL	SNL
Protector	Style 600	E	SNL	SNL	SNL	SNL
Protector	Tuffmaster II	E, G	NL	NL	NL	NL
Römer	Bravo 2 Nomaz	B	SNL	SNL	SNL	SNL
Römer	Marcus Top 2 Atlas Nomaz	B	SNL	SNL	SNL	SNL
Römer	N2 Atlas Nomaz	BB	SNL	SNL	SNL	SNL
Römer	Profi Expo	E	SNL	SNL	SNL	SNL
Römer	Profi Nomaz	E	SNL	SNL	SNL	SNL



Helmet manufacturer	Helmet model	Wedge	H31	H510	H520	H540
Römer	Top Expo Atlas	B	SNL	SNL	SNL	SNL
Schuberth	BEN	BB	SNL	SNL	SNL	SNL
Schuberth	BER S	E	SNL	SNL	SNL	SNL
Schuberth	BER80/WPC80	EA	SNL	SNL	SNL	SNL
Schuberth	BOP R	B	SNL	SNL	SNL	SNL
Schuberth	PIONIER	B	SNL	SNL	SNL	SNL
Schuberth	SH 91/WPL 91	EB	SNL	SNL	SNL	SNL
Schuberth	SW1	EB	NL	NL	NL	NL
Sofop Taliaplast	Oceanic	E	NL	NL	NL	NL
Sofop Taliaplast	Opus	E	NL	NL	NL	NL
UVEX	Airwing	E	SNL	SNL	SNL	SNL
Voss	Inap 88	E	SNL	SNL	SNL	SNL
Voss	Inap Master	E	NL	NL	NL	NL
Voss	Inap PCG	G	NL	NL	NL	NL
Voss	Inap Star	E	NL	NL	NL	NL