



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE EXTENSION

23199JPS05rev

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, 13 May 2009

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This certificate comprises 2 pages and two appendixes. This certificate extension supersedes
certificate extension 23199JPS05, 2009-02-16



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*

Manufacturer: 3M Svenska AB

3 Alterations to the original product (EC type examination certificate no. 23199S01)

The secondary sets with the helmets Protector Style 300 are added. The Style 300 covers the following helmets: HC300EL, HC300VEL, HC311, HC311V, HC300SB, HC300VSB, HC315EL, HC315VEL, HC305SB and HC305VSB.

4 Adequacy and validity of the technical documentation

The documentation concerning the supplementary combinations is described in Appendix 1.

The documents referred to and assessment in EC type examination certificate 23199S01 do apply. The modification of the product is documented adequately. No acoustical testing is needed.

The supplementary combination has 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.

The supplementary combinations and the accordingly modified technical documentation comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC as amended by 93/95/EEC, 93/68/EEC and 96/58/EC.

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 H31 Optime I, II and III with industrial safety helmets

Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	Dated 2002-02-08 2006-03-09 2006-07-25 2007-07-20 2009-02-09	Adequate
2. Product drawing, construction, and material list	P010445, 2002-02-07 P010449, 2002-02-07 P010441, 2002-02-07 P950220, 2002-02-07	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	2009-05-09, Eero Korhonen	The applied harmonised standard EN 352-3:2002 supports the relevant requirements
3.2 FIOH test reports	95086T01 95484T01 20084T01, 1999-03-21 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	The product fulfils the requirements of EN 352-3:2002
3.3 Draft information sheet	FP3024	Adequate
3.4 Product markings	P950224 P010461 P010464 P010466	Adequate
4. Description of the production quality system and related product control and test facilities	Quality assurance, PO40358	Contains adequate information

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
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
Sofop Taliaplast	Oceanic	E	NL	NL	NL	NL
Sofop Taliaplast	Opus	E	NL	NL	NL	NL
Berendsen Safety,	Balance HD	N	SNL	SNL	SNL	SNL
Centurion	1125/ARCO plus	H	SNL	SNL	SNL	SNL
Centurion	1100/ARCO type 2	H	SNL	SNL	SNL	NL
Centurion	1540/ARCO	A	NL	NL	NL	NL
Evert Larsson	Robust	E	SNL	SNL	SNL	SNL
Evert Larsson	Balance	E	NL	NL	NL	NL
Evert Larsson	Balance AC/3M 1465	E	NL	NL	NL	NL
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
Peltor	G2000	K,E	SNL	SNL	SNL	SNL
Peltor	G22 (BASIC SET)	E	SNL	SNL	SNL	SNL
Peltor	G3000	E	SNL	SNL	SNL	SNL
Petzl	Vertex	E	SNL	SNL	SNL	SNL
Protector	Style 300	E	SNL	SNL	SNL	SNL
Protector	Style 600	G	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
Römer	Top Expo Atlas	B	SNL	SNL	SNL	SNL
Schuberth	BEN	BB	SNL	SNL	SNL	SNL
Schuberth	BER80/WPC80	EA	SNL	SNL	SNL	SNL
Schuberth	BER S	E	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
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 Star	E	NL	NL	NL	NL
Voss	Inap PCG	G	NL	NL	NL	NL