



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

<i>Item of documentation</i>	<i>Document identification</i>	<i>Remarks</i>
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
<b>Auboueix</b>	Brennus	F	SNL	SNL	SNL	SNL
<b>Auboueix</b>	Fondelec	F	SNL	SNL	SNL	SNL
<b>Auboueix</b>	Iris	E	NL	NL	NL	NL
<b>Auboueix</b>	Iris 2	E	NL	NL	NL	NL
<b>Sofop Taliaplast</b>	Oceanic	E	NL	NL	NL	NL
<b>Sofop Taliaplast</b>	Opus	E	NL	NL	NL	NL
<b>Berendsen Safety,</b>	Balance HD	N	SNL	SNL	SNL	SNL
<b>Centurion</b>	1125/ARCO plus	H	SNL	SNL	SNL	SNL
<b>Centurion</b>	1100/ARCO type 2	H	SNL	SNL	SNL	NL
<b>Centurion</b>	1540/ARCO	A	NL	NL	NL	NL
<b>Evert Larsson</b>	Robust	E	SNL	SNL	SNL	SNL
<b>Evert Larsson</b>	Balance	E	NL	NL	NL	NL
<b>Evert Larsson</b>	Balance AC/3M 1465	E	NL	NL	NL	NL
<b>Kemira</b>	Top Cap	A	SNL	SNL	SNL	SNL
<b>LAS</b>	LP2002	E	SNL	SNL	SNL	SNL
<b>LAS</b>	LP2006	E	SNL	SNL	SNL	SNL
<b>MSA</b>	Super V-Gard II	E	SNL	SNL	SNL	SNL
<b>MSA</b>	V-Gard	E	SNL	SNL	SNL	SNL
<b>Peltor</b>	G2000	K,E	SNL	SNL	SNL	SNL
<b>Peltor</b>	G22 (BASIC SET)	E	SNL	SNL	SNL	SNL
<b>Peltor</b>	G3000	E	SNL	SNL	SNL	SNL
<b>Petzl</b>	Vertex	E	SNL	SNL	SNL	SNL
<b>Protector</b>	Style 300	E	SNL	SNL	SNL	SNL
<b>Protector</b>	Style 600	G	SNL	SNL	SNL	SNL
<b>Protector</b>	Tuffmaster II	E, G	NL	NL	NL	NL
<b>Römer</b>	Bravo 2 Nomaz	B	SNL	SNL	SNL	SNL
<b>Römer</b>	Marcus Top 2 Atlas Nomaz	B	SNL	SNL	SNL	SNL
<b>Römer</b>	N2 Atlas Nomaz	BB	SNL	SNL	SNL	SNL
<b>Römer</b>	Profi Expo	E	SNL	SNL	SNL	SNL
<b>Römer</b>	Profi Nomaz	E	SNL	SNL	SNL	SNL
<b>Römer</b>	Top Expo Atlas	B	SNL	SNL	SNL	SNL
<b>Schuberth</b>	BEN	BB	SNL	SNL	SNL	SNL
<b>Schuberth</b>	BER80/WPC80	EA	SNL	SNL	SNL	SNL
<b>Schuberth</b>	BER S	E	SNL	SNL	SNL	SNL
<b>Schuberth</b>	BOP R	B	SNL	SNL	SNL	SNL
<b>Schuberth</b>	PIONIER	B	SNL	SNL	SNL	SNL
<b>Schuberth</b>	SH 91/WPL 91	EB	SNL	SNL	SNL	SNL
<b>Schuberth</b>	SW1	EB	NL	NL	NL	NL
<b>UVEX</b>	Airwing	E	SNL	SNL	SNL	SNL
<b>Voss</b>	Inap 88	E	SNL	SNL	SNL	SNL



<b>Voss</b>	Inap Master	E	NL	NL	NL	NL
<b>Voss</b>	Inap Star	E	NL	NL	NL	NL
<b>Voss</b>	Inap PCG	G	NL	NL	NL	NL