Finnish Institute of Occupational Health

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

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Team Leader

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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

Finnish Institute of Occupational Health, Notified Body No. 0403,
Topeliuksenkatu 41 a A, FI-00250 Helsinki, Finland

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.

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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

Item of documentation	*Document identification*	*Remarks*
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.

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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

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