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

23199JPS02

for helmet mounted hearing protector as defined in EN 352-3:2002

Peltor Optime I, H510P3*
Peltor Optime II, H520P3*
Peltor Optime III, H540P3*
Peltor H31, H31P3*
PELTOR AB

PELTOR AB S-33102 Värnamo, Sweden

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

Helsinki, 07 September 2006

Helena Mäkinen Team Leader Eero Korhonen Senior Researcher

This certificate comprises 3 pages and an appendix.

EC type examination certificate extension 23199JPS02, 2006-09-07 Page 2 (3)

1 Applicant

PELTOR AB Box 2341 Malmstensgatan 19 S-33102 Värnamo Sweden

2 Description and identification of the product

Type: Hearing protectors attached to industrial safety helmets supplementary combinations with

helmets Berendsen Safety, Balance HD, PETZL, Vertex, UVEX, Airwing Helmet Peltor G22 as

the basic set.

Name:

Peltor Optime I, H510P3* Peltor Optime II, H520P3* Peltor Optime III, H540P3* Peltor H31, H31P3*

Size range:

Small, Normal and Large

Manufacturer: Peltor AB

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

The secondary sets with the helmets Berendsen Safety, Balance HD, PETZL, Vertex and UVEX, Airwing have been added.

4 Adequacy and validity of the technical documentation

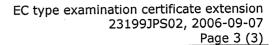
The documentation concerning the supplementary combinations is described in Appendix 1.

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 combinations 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 with 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.



Finnish Institute of Occupational Health

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

Helmet model	Wedge	H31	H510	H520	H540
Brennus	F	SNL	SNL	SNL	SNL
Fondelec	F	SNL	SNL	SNL	SNL
Iris	E	NL	NL	NL	NL
Oceanic	Е	NL	NL	NL	NL
Opus	E	NL	NL	NL	NL
Balance HD	N	SNL	SNL	SNL	SNL
1125/ARCO plus	Н	SNL	SNL	SNL	SNL
	Н	SNL	SNL	SNL	NL
	A	NL	NL	NL	NL
Robust	E	SNL	SNL	SNL	NL
Palanco	E	NI	NI	NI	NL
					NL
					SNL
				SNL	SNL
	T _E	SNL		SNL	SNL
					SNL
				-	SNL
	K,E		SNL	SNL	SNL
1	E		SNL	SNL	SNL
	E	SNL	SNL	SNL	SNL
	E	SNL	SNL	SNL	SNL
Elite 300	E	SNL	SNL	SNL	NL
Style 600	G	SNL	SNL	SNL	SNL
Tuffmaster II	E, G	NL	NL	NL	NL
Bravo 2 Nomaz	В	SNL	SNL	SNL	SNL
Marcus Top 2 Atlas Nomaz	В	SNL	SNL	SNL	SNL
N2 Atlas Nomaz	ВВ	SNL	SNL	SNL	SNL
Profi Expo	E	SNL	SNL	SNL	SNL
Profi Nomaz	E	SNL	SNL	SNL	SNL
Top Expo Atlas	В	SNL	SNL	SNL	SNL
BEN	ВВ	SNL	SNL	SNL	SNL
BER80/WPC80	EA	SNL	SNL	SNL	SNL
BER S	E	SNL	SNL	SNL	SNL
BOP R	В	SNL	SNL	SNL	SNL
PIONIER	В	SNL	SNL	SNL	SNL
SH 91/WPL 91	EB	SNL	SNL	SNL	SNL
SW1	EB	NL	NL	NL	NL
Airwing	E	SNL	SNL	SNL	SNL
Inap 88	E	SNL	SNL	SNL	SNL
Inap Master	E	NL	NL	NL	
	Brennus Fondelec Iris Oceanic Opus Balance HD 1125/ARCO plus 1100/ARCO type 2 1540/ARCO Robust Balance Balance Balance AC/3M 1465 Top Cap LP2002 LP2006 Super V-Gard II V-Gard G2000 G22 (BASIC SET) G3000 Vertex Elite 300 Style 600 Tuffmaster II Bravo 2 Nomaz Marcus Top 2 Atlas Nomaz N2 Atlas Nomaz Profi Expo Profi Nomaz Top Expo Atlas BEN BER80/WPC80 BER S BOP R PIONIER SH 91/WPL 91 SW1 Airwing Inap 88	Brennus F Fondelec F Iris E Oceanic E Opus E Balance HD N 1125/ARCO plus H 1100/ARCO type 2 H 1540/ARCO A Robust E Balance E Balance AC/3M 1465 E Top Cap A LP2002 E LP2006 E Super V-Gard II E V-Gard E G2000 K,E G22 (BASIC SET) E G3000 E Vertex E Elite 300 E Style 600 G Tuffmaster II E, G Bravo 2 Nomaz B Marcus Top 2 Atlas Nomaz B Profi Repo E Profi Nomaz E Top Expo Atlas B BER B BER S E	Brennus F SNL Fondelec F SNL Iris E NL Oceanic E NL Opus E NL Balance HD N SNL 1125/ARCO plus H SNL 1100/ARCO type 2 H SNL 1540/ARCO A NL Robust E SNL Balance E NL Balance AC/3M 1465 E NL Top Cap A SNL LP2002 E SNL LP2006 E SNL Super V-Gard II E SNL G2000 K,E SNL G22 (BASIC SET) E SNL G3000 E SNL Vertex E SNL Elite 300 E SNL Style 600 G SNL Tuffmaster II E, G NL Bravo 2 Nomaz B <t< td=""><td>Brennus F SNL SNL Fondelec F SNL SNL Iris E NL NL Oceanic E NL NL Opus E NL NL Balance HD N SNL SNL 1125/ARCO plus H SNL SNL 1100/ARCO type 2 H SNL SNL 1540/ARCO A NL NL Robust E SNL SNL Balance E NL NL Balance AC/3M 1465 E NL NL Top Cap A SNL SNL LP2002 E SNL SNL LP2006 E SNL SNL Super V-Gard II E SNL SNL G2000 K,E SNL SNL G22 (BASIC SET) E SNL SNL G3000 E SNL SNL Ve</td><td>Brennus F SNL SNL SNL Fondelec F SNL SNL SNL Iris E NL NL NL Oceanic E NL NL NL Opus E NL NL NL Balance HD N SNL SNL SNL Balance HD N SNL SNL SNL 1125/ARCO plus H SNL SNL SNL 1100/ARCO type 2 H SNL SNL SNL 1540/ARCO A NL NL NL Robust E SNL SNL SNL Balance E NL NL NL Balance AC/3M 1465 E NL NL NL LP2002 E SNL SNL SNL LP2006 E SNL SNL SNL Super V-Gard II E SNL SNL SNL</td></t<>	Brennus F SNL SNL Fondelec F SNL SNL Iris E NL NL Oceanic E NL NL Opus E NL NL Balance HD N SNL SNL 1125/ARCO plus H SNL SNL 1100/ARCO type 2 H SNL SNL 1540/ARCO A NL NL Robust E SNL SNL Balance E NL NL Balance AC/3M 1465 E NL NL Top Cap A SNL SNL LP2002 E SNL SNL LP2006 E SNL SNL Super V-Gard II E SNL SNL G2000 K,E SNL SNL G22 (BASIC SET) E SNL SNL G3000 E SNL SNL Ve	Brennus F SNL SNL SNL Fondelec F SNL SNL SNL Iris E NL NL NL Oceanic E NL NL NL Opus E NL NL NL Balance HD N SNL SNL SNL Balance HD N SNL SNL SNL 1125/ARCO plus H SNL SNL SNL 1100/ARCO type 2 H SNL SNL SNL 1540/ARCO A NL NL NL Robust E SNL SNL SNL Balance E NL NL NL Balance AC/3M 1465 E NL NL NL LP2002 E SNL SNL SNL LP2006 E SNL SNL SNL Super V-Gard II E SNL SNL SNL

Appendix 1. Documentation , End of EC type examination certificate extension.



Technical and other documentation regarding EC type examination certificate extension

Product name: Peltor Optime I, II and III, and H31 with P3*

Applicant:

Peltor AB

Item	Document identification	Remarks
Application for the EC type examination	2006-03-09, Johan Rapp Följebrev, 2006-03-09, Johan Rapp	Contains adequate information
Product drawing, construction list of the product and materials used	P020267, 2002-09-17 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	Eero Korhonen	The applied harmonised standards EN 352-3 support the relevant requirements
3.2 FIOH test report	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	The supplementary combinations fulfil the requirements of EN 352-3:2002
3.3 Draft information sheet	Peltor Optime, received by e- mail on 4.9.2006 H31P3*, Received by e-mail on 4.9.2006	Fulfil the requirement
3.4 Product markings	Optime I, P010461 Optime II, P010464 Optime III, P010466 H31P3, P950224	Fulfil the requirements
4. Description of the production quality system and related product control and test facilities	Quality assurance, P951364, 2003-11-24	Contains adequate information

End of documentation list