

Combitech EC type-examination

Notified Body No. 2279

EC TYPE-EXAMINATION CERTIFICATE

No. CAB-93525 Issue 2

For hearing protector

As defined in

EN 352-3:2002

3M Peltor X Series

X1P3*, X2P3*, X3P3*, X4P3* and X5P3*

3M Svenska AB

This product complies with Directive 89/686/EEC

Jönköping 31 October 2014



Bengt Rydh

Certification Manager



Alexander Storm

Certification Engineer

This certificate comprises 7 pages, of which this is page 1

Combitech AB

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EC type examination certificate No. CAB-93525 Issue 2

1. Applicant

3M Svenska AB

Box 2341, Malmstengatan 19

331 02 Värnamo

Sweden

2. Identification

Type: Hearing protector type ear muff attached to industrial safety helmet.

Name: 3M Peltor X Series Passive Ear Muff (X1P3*, X2P3*, X3P3*, X4P3*, X5P3*)

Description: Ear muff with passive attenuation for attachment on industrial safety helmet. Basic combination is with helmet G3001 and adapter E. Valid combinations of ear muff and industrial safety helmet are listed in section 6. The * corresponds to the applicable adapter type.

Colors: see pictures and captions. Pictures show the ear muffs in combination with helmet 3M G3000 and adapter E.

Manufacturer: 3M Svenska AB



X1P3E – Green



X2P3E – Yellow



X3P3E – Red

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X4P3E – Neon green

X5P3E – Black

3. Technical documentation

Technical documentation	Document identification	Assessment
1. Application	CAB-93544 CAB-148670	Ok
2. Product drawing, construction and material list	3M Peltor_Product Description_ X1P3E_121813 3M Peltor_Product Description_ X2P3E_120813 3M Peltor_Product Description_ X3P3E_120813 3M Peltor_Product Description_ X4P3E_120813 3M Peltor_Product Description_ X5P3E_120813 P120102_Assembly Drawing_ X1P3E_rev.a.00 P120103_Assembly Drawing_	Ok

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	X2P3E_rev.a.00 P120104_Assembly Drawing_ X3P3E_rev.a.00 P120105_Assembly Drawing_ X4P3E_rev.a.00 P120106_Assembly Drawing_ X5P3E_rev.a.00	
3. Applicant's report on applied basic requirements	The assessment is based on the information in the listed technical documentation.	Ok
4. AT test reports	CAB-89520 (X1P3*) CAB-89525 (X2P3*) CAB-89530 (X3P3*) CAB-89535 (X4P3*) CAB-89537 (X5P3*)	Ok. The requirements of EN 352-3:2002 are fulfilled.
5. Draft information sheet	XA-0077-4243-1_Iss1_X-Series_ User Instructions English Master Text for the 3M Peltor X Series Passive Range Ear Muffs_141015	Ok, The values of attenuation stated in the user instructions correspond to the values stated in the test reports.
6. Product marking drawings	P120313_Marking Shell_X1P3-EU_ rev.a P120315_Marking Shell_X2P3-EU_ rev.a P120317_Marking Shell_X3P3-EU_ rev.a P120319_Marking Shell_X4P3-EU_ rev.a P120321_Marking Shell_X5P3-EU_	Ok. The requirements are fulfilled.

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	rev.a XA-0077-0688-1_X1P3_Primary Label XA-0077-0690-7_X2P3_Primary Label XA-0077-0692-3_X3P3_Primary Label XA-0077-0694-9_X4P3_Primary Label XA-0077-0696-4_X5P3_Primary Label	
7. Additional documentation	P951364_3M_Quality assurance EN 352-3_120910 3M Svenska AB_Material Declaration_X-Series_120906 Product Similarity Declaration on Petzl VERTEX and ALVEO Helmets XA-0077-4468-4_Iss1_X1P3_Primary Box XA-0077-4470-0_Iss1_X2P3_Primary Box XA-0077-4477-5_Iss1_X3P3_Primary Box XA-0077-4479-1_Iss1_X4P3_Primary Box XA-0077-4481-7_Iss1_X5P3_Primary Box	Ok. The Quality Assurance contains adequate information. Other additional documentation is adequate.

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The technical documentation is considered adequate and valid. The product supplied by the applicant conforms to the technical documentation.

4. Tests

The 3M Peltor X Series has been tested in accordance with European standard EN 352-3:2002 by accredited testing methods.

5. Compliance with basic health and safety requirements

The 3M Peltor X Series complies with applicable basic health and safety requirements stated in Directive 89/686/EEC as amended by 93/95/EEC, 93/68/EEC and 96/58/EC.

6. Note

Any modification in design, materials, or in the technical documentation, must be brought to the attention of Combitech AB/ Certification.

The X1P3*, X2P3*, X3P3*, X4P3* and X5P3* shall be combined with an industrial safety helmet. The * corresponds to the applicable adapter type. This EC type examination certificate is valid for the following combinations:

Helmet	Compatible sizes					Adapter	Test report
	X1P3	X2P3	X3P3	X4P3	X5P3		
3M G3001	SML	SML	SML	SML	ML	E	Basic comb.
3M G3000	SML	SML	SML	SML	ML	E	Basic comb.*
3M G2000	SML	SML	SML	SML	ML	K	CAB-89588
3M G500 Headgear	SML	SML	SML	SML	SML	E	CAB-89583
3M G22	SML	SML	ML	SML	L	E	CAB-89573
3M H700	SML	L	L	SML	L	E	CAB-143768
3M Versaflo M-106	ML	ML	ML	ML	ML	AF	CAB-89612
3M Versaflo M-107	ML	ML	ML	ML	ML	AF	CAB-89612
3M Versaflo M-306	SML	ML	ML	SML	L	AF	CAB-89610
3M Versaflo M-307	SML	ML	ML	SML	L	AF	CAB-89610
Arco Champion	L	L	L	L	L	H	CAB-144383
Arco Champion Plus	L	L	L	L	L	H	CAB-144383
Auboueix/Seybol Kara	SML	SML	SML	SML	ML	E	CAB-89576
Aubouix Iris 2	ML	ML	ML	ML	L	E	CAB-144385
Centurion 1100	L	L	L	L	L	H	CAB-144383
Centurion 1125	L	L	L	L	L	H	CAB-144383
Centurion Concept (E)	L	L	L	L	L	E	CAB-144585
Centurion Concept (H)	L	L	L	L	L	H	CAB-144583
Centurion Vulcan	L	L	L	L	L	H	CAB-144581

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Delta Plus Zircon	SML	L	L	SML	L	E	CAB-144579
Grolls Balance AC	L	L	L	L	L	E	CAB-144587
MSA V-Gard 500	SML	SML	SML	SML	SML	E	CAB-89581
Petzl Vertex Best	ML	ML	ML	ML	L	E	CAB-89592
Petzel Vertex ST	ML	ML	ML	ML	L	E	CAB-89592
Petzel Vertex Vent	ML	ML	ML	ML	L	E	CAB-89592
Protector/Scott Style 300	ML	ML	ML	ML	ML	E	CAB-89602
Protector/Scott Style 600	SML	SML	SML	SML	ML	E	CAB-89608
Schuberth EuroGuard	SML	L	L	SML	L	E	CAB-144589

*The test results for 3M G3001 (Basic Combination) are also applicable to 3M G3000 helmet. The 3M G3000 helmet shell design is identical to 3M G3001 helmet with the exception of ventilation slots.

7. Validity

This certificate is valid until 31 October 2017.

End of EC type examination certificate No. CAB-93525 Issue

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