



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

16169MTS01

for earmuff type hearing protectors as defined in EN 352-3:2002

3M Peltor X Series
X1P5*, X2P5*, X3P5*, X4P5*, X5P5*

3M Svenska AB
Värnamo
Sweden

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

Helsinki, 13 May 2016
Expiry date: 12 May 2021

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1. Applicant

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2. Description and identification of the products

Type: Hearing protectors attached to industrial safety helmets

Name: 3M Peltor X Series
X1P5*, X2P5*, X3P5*, X4P5*, X5P5*
The stars in the name stand for different adapter types.

Description: Hearing protectors attached to industrial safety helmets as defined in EN 352-3:2002 with 3M G3001 helmet as the basic combination with adapter type E and supplementary combinations as listed in Appendix 2. Different colour variations can be seen in the pictures.

Manufacturer: 3M Svenska AB

Pictures of the products:



X1P5



X1P5-OR



X2P5



X3P5



X4P5



X4P5-OR



X5P5

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.



Technical and other documentation regarding EC type examination certificate

Product name: 3M Peltor X Series (X1P5*, X2P5*, X3P5*, X4P5*, X5P5*)

Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2016-04-11, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	Assembly drawings: P160012_a.01 P160013_a.00 P160014_a.00 P160015_a.01 P160016_a.00 Material lists: BOM_X1P5E-EU_a.00 BOM_X1P5E-OR-EU_a.00 BOM_X2P5E-EU_a.00 BOM_X3P5E-EU_a.00 BOM_X4P5E-EU_a.00 BOM_X4P5E-OR-EU_a.00 BOM_X5P5E-EU_a.00	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 3.1-3.5	
3.1 FIOH assessment of relevant Directive basic requirements	2016-05-13	The applied harmonised standard EN 352-3:2002 supports the relevant requirements
3.2 Combitech test reports	CAB-89520, 2012-10-29 CAB-89525, 2012-10-29 CAB-59530, 2012-10-29 CAB-89535, 2012-10-29 CAB-89537, 2012-10-29	3M Peltor X Series models X1P3*, X2P3*, X3P3*, X4P3* and X5P3* in basic combination with helmet 3M G3001 fulfil the requirements of EN 352-3:2002. The difference between X*P5* and X*P3* models is the arm (P3 or P5), the earmuff cups are the same.
	CAB-16-3773-9977-13, 2016-02-10	3M Peltor X Series model X1P5*, in combination with helmet 3M G3001 fulfils the requirements of EN 352-3:2002 for size ranges S, M and L as a supplementary combination when compared to X1P3*.
	CAB-16-4292-2849-33, 2016-02-18	3M Peltor X Series model X2P5*, in combination with helmet 3M G3001 fulfils the requirements of EN 352-3:2002 for size ranges S, M and L as a supplementary combination when compared to X2P3*.
	CAB-16-4617-9178-94, 2016-02-19	3M Peltor X Series model X3P5*, in combination with helmet 3M G3001 fulfils the requirements of EN 352-3:2002 for size ranges S, M and L as a supplementary combination when compared to X3P3*.
	CAB-16-4629-8802-40, 2016-02-12	3M Peltor X Series model X4P5*, in combination with helmet 3M G3001 fulfils the requirements of EN 352-3:2002 for size ranges S, M and L as



Item of documentation	Document identification	Remarks
		a supplementary combination when compared to X4P3*.
	CAB-16-4630-4568-11, 2016-02-24	3M Peltor X Series model X5P5*, in combination with helmet 3M G3001 fulfils the requirements of EN 352-3:2002 for size ranges M and L as a supplementary combination when compared to X5P3*.
3.3 Test reports for supplementary combinations	CAB-89573 CAB-89576 CAB-89581 CAB-89583 CAB-89588 CAB-89592 CAB-89602 CAB-89608 CAB-89610 CAB-89612 CAB-143768 CAB-144383 CAB-144385 CAB-144579 CAB-144581 CAB-144583 CAB-144585 CAB-144587 CAB-144589 CAB-15-2380-0263-620 CAB-16-1152-5219-973	The products can be used in supplementary combination with the helmets listed in Appendix 2
3.4 Draft information sheet	English Master text X Series P5 attachment, 2016-04-21 Packaging material: FP4335_SCREEN_a.00 FP4336_SCREEN_a.00 FP4337_SCREEN_a.00 FP4338_SCREEN_a.00 FP4339_SCREEN_a.00 Label layout: P160063_a.01 P160065_a.00 P160067_a.00 P160069_a.00 P160071_a.00 P160073_a.00 P160074_a.00	Adequate
3.5 Product markings	Draft markings: P160076_a.01 P160077_a.00 P160078_a.00 P160079_a.01 P160080_a.02	Adequate
4. Description of the production quality system and related product control and test facilities	Quality assurance P951364.rev a, 2012-12-07	Adequate for category II products

End of documentation list.



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

Helmet model	Adapter	X1P5	X2P5	X3P5	X4P5	X5P5	Test report
3M G3001	E	SML	SML	SML	SML	ML	Basic comb.
3M G3000	E	SML	SML	SML	SML	ML	Basic comb.*
3M G3501	E	SML	SML	ML	SML	L	CAB-15-2380-0263-620
3M G2000	K	SML	SML	SML	SML	ML	CAB-89588
3M G500 Headgear	E	SML	SML	SML	SML	SML	CAB-89583
3M G22	E	SML	SML	ML	SML	L	CAB-89573
3M H700	E	SML	L	L	SML	L	CAB-143768
3M Versaflo M-106, M-107	AF	ML	ML	ML	ML	ML	CAB-89612
3M Versaflo M-306, M-307	AF	SML	ML	ML	SML	L	CAB-89610
Arco Champion	H	L	L	L	L	L	CAB-144383
Arco Champion Plus	H	L	L	L	L	L	CAB-144383
Auboueix / Seybol KARA	E	SML	SML	SML	SML	ML	CAB-89576
Auboueix Iris 2	E	L	L	L	L	L	CAB-144385
Centurion 1100/ARCO type 2	H	L	L	L	L	L	CAB-144383
Centurion 1125/ARCO plus	H	L	L	L	L	L	CAB-144383
Centurion Concept (E)	E	L	L	L	L	L	CAB-144585
Centurion Concept (H)	H	L	L	L	L	L	CAB-144583
Centurion Vulcan	H	L	L	L	L	L	CAB-144581
Delta Plus Zircon	E	SML	L	L	SML	L	CAB-144579
Grolls Balance AC	E	L	L	L	L	L	CAB-144587
MSA V-Gard 500	E	SML	SML	SML	SML	SML	CAB-89581
Petzl Vertex Best	E	ML	ML	ML	ML	L	CAB-89592
Petzl Vertex ST	E	ML	ML	ML	ML	L	CAB-89592
Petzl Vertex Vent	E	ML	ML	ML	ML	L	CAB-89592
Protector / Scott Style 300	E	ML	ML	ML	ML	ML	CAB-89602
Protector / Scott Style 600	E	SML	SML	SML	SML	ML	CAB-89608
Schuberth EuroGuard	E	SML	L	L	SML	L	CAB-144589

* The test results for 3M G3001 helmet 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.