



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

16227FLS01

for earmuff type hearing protectors as defined in EN 352-1:2002

3M Peltor X Series
X1A, X2A, X3A, X4A, X4A-OR, X5A
3M Svenska AB
Värnamo
Sweden

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

Helsinki, 17 June 2016
Expiry date: 16 June 2021

Helena Mäkinen
Leading Specialist

Anna Ruhala
Senior Specialist



1. Applicant

3M Svenska AB
Malmstengsgatan 19
S-33102 Värnamo
Sweden

2. Description and identification of the products

Type: Hearing protectors with over-the-head headband

Name: 3M Peltor X Series
X1A, X2A, X3A, X4A, X4A-OR, X5A

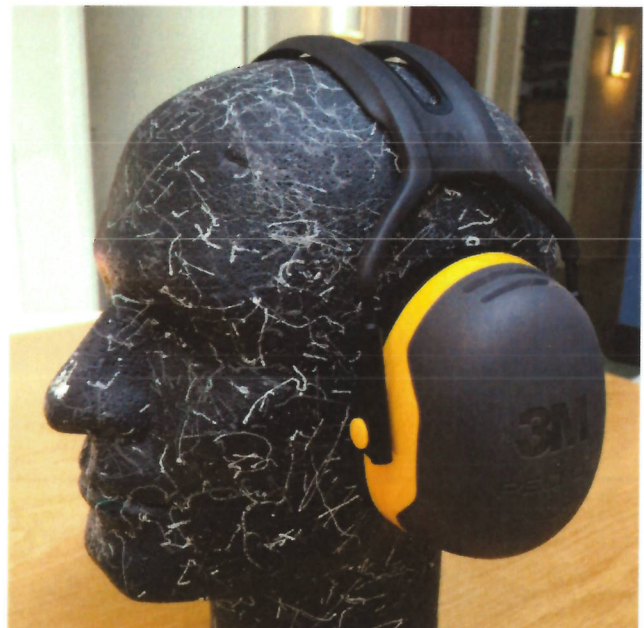
Description: Earmuff type hearing protectors with over-the-head headband as defined in EN 352-1:2002. Different colour variations can be seen in the pictures.

Manufacturer: 3M Svenska AB

Pictures of the products on pages 2 and 3.



X1P5 - green



X2P5 - yellow

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 352-1:2002 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).



X3P5 - red



X5P5 - black



X4P5 - neon green



X4P5-OR - orange

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

End of EC type examination certificate.



Technical and other documentation regarding EC type examination certificate

Product name: 3M Peltor X Series (X1A, X2A, X3A, X4A, X4A-OR, X5A)
Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2016-06-03, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	Assembly drawings: X1A: P110191_a X2A: P110192_a X3A: P110193_a X4A, X4A-OR: P110194_a X5A: P110195_a Material lists: X1A: BOM_X1A-EU_a.00 X2A: BOM_X2A-EU_a.00 X3A: BOM_X3A-EU_a.00 X4A: BOM_X4A-EU_a.00 X4A-OR: BOM_X4A-OR-EU_a.00 X5A: BOM_X5A-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	2016-06-17	The applied harmonised standard EN 352-1:2002 supports the relevant requirements
3.2 Combitech test reports	CAB-89497, 2012-10-29	3M Peltor X Series model X1A fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	CAB-89503, 2012-10-29	3M Peltor X Series model X2A fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	CAB-89505, 2012-10-29	3M Peltor X Series model X3A fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	CAB-89507, 2012-10-29	3M Peltor X Series model X4A fulfils the requirements of EN 352-1:2002 for size ranges S, M and L. 3M Peltor X Series model X4A-OR differs from X4A only by its colour. Thus it can be assessed that X4A-OR fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	CAB-89509, 2012-10-29	3M Peltor X Series model X5A fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
3.4 Draft information sheet	English Master text X Series, 2016-04-21 Packaging material: X1A: XA-0077-4244-9_Iss2 X2A: XA-0077-4469-2_Iss1 X3A: XA-0077-4476-7_Iss1 X4A: LRPVIEW-XA-0077-4478-3_Iss1 X4A-OR: LRPVIEW-XA-0077-4862-8_Iss1 X5A: XA-0077-4480-9_Iss1	Adequate



<i>Item of documentation</i>	<i>Document identification</i>	<i>Remarks</i>
	Label layout: X1A: XA-0077-0687-3 X2A: XA-0077-0689-9 X3A: XA-0077-0691-5 X4A: XA-0077-0693-1 X4A-OR: UU-0078-2369-1 X5A: XA-0077-0695-6	
3.5 Product markings	Draft markings: X1A: P120312_c. X2A: P120314_c X3A: P120316_c X4A, X4A-OR: P120318_d.00 X5A: P120320_c	Adequate
4. Description of the production quality system and related product control and test facilities	Quality assurance P951362.rev a, 2012-09-10	Adequate for category II products

End of documentation list.