



Finnish Institute of  
Occupational Health

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

# EC TYPE EXAMINATION CERTIFICATE

16356RKS01

for earmuff type hearing protectors  
with electrical audio input as defined in  
EN 352-1:2002, EN 352-3:2002 and EN 352-6:2002  
**3M™ PELTOR™ High Attenuation Headset, CH-5  
MT73H450\***

3M Svenska AB  
Värnamo  
Sweden

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

Helsinki, 12 September 2016  
Expiry date: 11 September 2021



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This certificate comprises 3 pages and two appendices.



## 1. Applicant

3M Svenska AB  
Malmstensgatan 19  
S-33102 Värnamo  
Sweden

## 2. Description and identification of the products

- Type: Earmuff type hearing protectors with electrical audio input and a boom microphone as defined in EN 352-1:2002, EN 352-3:2002 and EN 352-6:2002
- Name: 3M™ PELTOR™ High Attenuation Headset, CH-5, MT73H450\*  
The stars in the name stand for different model variants that are listed in Appendix 2.
- Description: 3M™ PELTOR™ High Attenuation Headset, CH-5, MT73H450\* comes with over-the-head headband or an attachment to industrial safety helmets in basic combination with model 3M G3000 and in supplementary combination with helmets 3M H700 and 3M G3501.  
Electrical audio input is either through a cable attached to the hearing protectors or a 5-pole jack.  
The color of the cups is either HiViz neon green or dark grey. Headband and cushions are black.
- Size range: Over-the-head headband models      Small, medium and large  
Helmet attached models                      Large
- Manufacturer: 3M Svenska AB

Pictures of the products are on page 3.

## 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 standards EN 352-1:2002, EN 352-3:2002 and EN 352-6:2002 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



End of EC type examination certificate.



### Technical and other documentation regarding EC type examination certificate

Product name: 3M™ PELTOR™ High Attenuation Headset, CH-5  
Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2016-08-23, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	<p>Assembly drawings: P150262_a.04 P160047_a.03 P160048_a.02 P160049_a.02 P160177_a.02 P160181_a.03</p> <p>Material lists: BOM_MT73H450A_GB_a.01 BOM_MT73H450A-38_a.01 BOM_MT73H450A-77_GB_a.01 BOM_MT73H450A-86_a.01 BOM_MT73H450P3E_GB_a.01 BOMMT73H450P3E-77_GB_a.01</p>	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	2016-09-12	The applied harmonised standards EN 352-1:2002, EN 352-3:2002 and EN 352-6:2002 support the relevant requirements
3.2 3M test reports	AL-VMO-TR-2016-01, ver. 1.1, 2016-08-22	MT73H450A-77 fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	AL-VMO-TP-1, ver. 1.2, 2016-08-23	MT73H450A-86 fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	AL-VMO-TR-2016-001c, ver. 1.1, 2016-08-22	MT73H450P3E-77 in basic combination with industrial safety helmet G3000 fulfils the requirements of EN 352-3:2002 for large size.
	AL-VMO-TR-2016-01_G3501, ver.1.0, 2016-08-22	MT73H450P3E-77 attached to industrial safety helmet G3501 fulfils the requirements of EN 352-3:2002 for supplementary combination for large size.
	AL-VMO-TR-2016-01_H700, ver. 1.0, 2016-08-22	MT73H450P3E-77 attached to industrial safety helmet H700 fulfils the requirements of EN 352-3:2002 for supplementary combination for large size.
3.3 Combitech test reports	CAB 16-1466-6889-787, 2016-06-17	MT73H450A-77 fulfils the requirements of EN 352-6:2002.



Item of documentation	Document identification	Remarks
	CAB 16-1466-6953-632, 2016-06-17	MT73H450A-86 fulfils the requirements of EN 352-6:2002.
3.4 Draft information sheet	FP3776 rev.a.08  Packaging material: P100451_c P160184_a P160185_a  Label layout: P160186_a	The documents meets the requirements of the Directive, EN 352-1:2002, EN 352-3:2002 and EN 352-6:2002.
3.5 Product markings	On product	Markings meet the requirements of EN 352-1:2002, EN 352-3:2002 and EN 352-6:2002.
4. Description of the production quality system and related product control and test facilities	Quality plan P160155 rev a.00, 2016-06-10	Adequate for category II products

End of documentation list.



**A list of model variants:**

Models with over-the-head headband:

MT73H450A GB	HiViz neon green cups, cable with a 4-pole plug
MT73H450A-38	Dark grey cups, cable with a 4-pole plug
MT73H450A-77 GB	HiViz neon green cups, 5-pole jack for audio input
MT73H450A-86	Dark grey cups, cable with a 4-pole plug

Models attached to industrial safety helmets:

MT73H450P3E GB	HiViz neon green cups, cable with a 4-pole plug
MT73H450P3E-77 GB	HiViz neon green cups, 5-pole jack for audio input