



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

24445AJS01rev2

for ear muff type hearing protectors
as defined in EN 352-1:2002, EN 352-3:2002,
EN 352-4:2001/A1:2005 and EN 352-6:2002

3M Peltor Protac II

3M Svenska AB

Värnamo

Sweden

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

Helsinki, 22 August 2014
Expiry date: 21 August 2019

Helena Mäkinen
Leading Specialist

Anna Ruhala
Senior Specialist

This certificate comprises 3 pages and an appendix.
This certificate supersedes certificate 24445AJS01rev, 2009-06-15



1. Applicant

3M Svenska AB
Malmstengsgatan 19
S-33102 Värnamo
Sweden

2. Description and identification of the products

Type: Level-dependent ear muff type hearing protector with auxiliary connection as defined in EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005 and EN 352-6:2002

Name: 3M Peltor ProTac II (MT15H7A2, MT15H7B2, MT15H7F2 and MT15H7P3*2)

Description:

MT15H7A2	Ear muff with over-the-head headband
MT15H7B2	Ear muff with behind-the-head headband
MT15H7F2	Ear muff with foldable over-the-head headband
MT15H7P3*2	Helmet attached ear muff in basic combination with Peltor G22 industrial safety helmet

Size range:

MT15H7A2	Compatible for small, medium and large size ranges
MT15H7B2	Compatible for small, medium and large size ranges
MT15H7F2	Compatible for large size range and for small and medium size ranges when used with a fitting pad
MT15H7P3*2	Compatible for medium and large size ranges

Models:

Standard models:

- MT15H7A2 GN
- MT15H7A2 RD
- MT15H7A2 SV
- MT15H7B2 SV
- MT15H7P3E2 SV

GN, RD and SV are different colours

Models without aux-in jack

- MT15H7B2-13
- MT15H7F2-13

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, EN 352-4:2001/A1:2005 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 these type examined products must be brought to the attention of FIOH.



Protac II F-headband

Protac II A-headband

Appendix 1. Technical documentation

End of EC type examination certificate 24445AJS01rev2.



**Technical and other documentation regarding EC type examination certificate
24445AJS01rev2**

Product name: 3M Peltor ProTac II (MT15H7A2, MT15H7B2, MT15H7F2 and MT15H7P3*2)

Applicant: 3M Svenska AB

<i>Item of documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	Nermin Jusufovic, 2013-10-01	Adequate
2. Product drawings, construction, and material lists	Product descriptions and assembly drawings: MT15H7A2 GN, 2005-10-12 MT15H7A2 RD, 2005-10-12 MT15H7A2 SV, 2005-10-12 P020052 rev.c , 2005-04-29 MT15H7B2 SV, 2005-10-12 P020232 rev.d , 2005-10-12 MT15H7B2-13, 2013-06-10 P130115 rev.a , 2013-06-10 MT15H7F2-13, 2013-06-10 P130110 rev.a 2013-06-10 MT15H7P3E2 SV, 2008-06-11 P020053 rev.d, 2010-05-07 HY450, distance pad for F-band: P130161 rev.a, 2013-06-14	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	2014-08-22	The applied harmonised standards EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005 and EN 352-6:2002 support the relevant requirements
3.2 FIOH test reports	228507T01, 2013-09-05 for Tactical XP (MT1H7F2)	Tactical XP (MT1H7F2) fulfils the requirements of EN 352-1:2002 for large size range and for small and medium size ranges when used with a fitting pad.
	228512T01, 2013-09-05 for Tactical XP (MT1H7B2)	Tactical XP (MT1H7B2) fulfils the requirements of EN 352-1:2002 for small, medium and large size ranges.
	228513T01, 2013-09-05 for Tactical XP (MT1H7P3E)	Tactical XP (MT1H7P3E) fulfils the requirements of EN 352-3:2002 for medium and large size ranges.



Item of documentation	Document identification	Assessment
	228515T01, 2013-09-05 for ProTac II (MT15H7F2-13 and MT15H7A2)	<p>The mean weight of the product was measured according to EN 13819-1:2002.</p> <p>Model MT15H7F2-13 is mechanically and acoustically identical to MT1H7F2 and the weight of MT15H7F2-13 differs less than 10% from the weight of MT1H7F2.</p> <p>Based on this, it can be assessed that ProTac II (MT15H7F2-13) would also fulfil the requirements of EN 352-1:2002.</p> <p>The headband forces of A- and F-headbands were measured according to EN 13819-1:2002.</p> <p>The headband forces of A-type headband were equal to or larger than the headband forces of F-type headband but differed less than 15%.</p> <p>Based on this, it can be assessed that ProTac II (MT15H7A2) would also fulfil the requirements of EN 352-1:2002.</p>
	24445T01, 2005-06-16 for MT15H7A	MT15H7A fulfils the requirements of EN 352-4:2001/A1:2005 and EN 352-6:2002
3.3 List of supplementary helmet combinations	29261A01, 2009-06-11	Adequate
3.4 Draft information sheet	FP3545 rev.a, 2014-08-12	Adequate
3.5 Product markings	On product Label layout: P100262 rev.a, 2010-05-04 Packing material: P100353 rev.c, 2013-03-19 P100451 rev.c, 2012-12-17	Adequate
4. Description of the production quality system and related product control and test facilities	Quality assurance P130283 Rev.a 2013-10-04	Adequate for category II products

End of documentation list.