



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

12151RHS01

for ear muff type hearing protector with communication system
as defined in EN 352-1:2002 and EN 352-6:2002

AK5850HS
A-Kabel AS
Årnes, NORWAY

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

Helsinki, 25 May 2012

Helena Mäkinen
Team Leader

Anna Ruhala
Senior Specialist

This certificate comprises 3 pages and an appendix.

Finnish Institute of Occupational Health, Notified Body No. 0403,
Topeliuksenkatu 41 a A, FI-00250 Helsinki, Finland



1. Applicant

A-Kabel AS
Box 64 (Nedre Hagaveg 15 c)
2150 Årnes
NORWAY

2. Description and identification of the product

Type: Earmuff type hearing protector with over-the-head headband equipped with communication system as defined in EN 352-1:2002 and EN 352-6:2002

Name: AK5850HS

Size range: Large

Manufacturer: A-Kabel AS

Picture of the product:



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 product has been tested in accordance with harmonized European standards EN 352-1:2002 and EN 352-6:2002 by accredited testing methods. The model of the product supplied by the applicant conforms to the technical documentation.



4. Compliance with basic health and safety requirements

The product and the technical documentation relating to it 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
12151RHS01**

Product name: AK5850HS
Applicant: A-Kabel AS

<i>Item of documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	2012-05-24, Per I. Engen	Adequate
2. Product drawing, construction, and material list	Appendix to application	The product and materials are identified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.4	
3.1 FIOH assessment of relevant Directive basic requirements	2012-05-25	The applied harmonised standards EN 352-1:2002 and EN 352-6:2002 support the relevant requirements
3.2 FIOH test reports	186886T01, 2012-05-02 for earmuff AK5850HS	The product fulfils the requirements of EN 352-1:2002
	25097T01, 2005-06-17 for earmuff AK5850 attached to industrial safety helmet Peltor G22C/D as basic combination and attached to helmets Balance AC and OBX as secondary combinations	The product fulfils the requirements of EN 352-3:2002 and EN 352-6:2002 AK5850 is a helmet attached version of AK5850HS, hence the results for EN 352-6:2002 can be used for AK5850HS.
3.3 Draft information sheet	Appendix to application	Document fulfils the requirements of the Directive 89/686/EEC, EN 352-1:2002 and EN 352-6:2002
3.4 Product markings	Appendix to application	Markings fulfil the requirements of the Directive 89/686/EEC, EN 352-1:2002 and EN 352-3:2002
4. Description of the production quality system and related product control and test facilities	Document 4a appendix to application: Product quality assurance notification, Nemko 03ATEX4325Q	Product quality system complies to Annex VII of the Directive 94/9/EC
	Kvalitetshandbok, 01.05.99 attached to certificate 25097RES01	Adequate for category II products

End of documentation list