

EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 0598/PPE/22/2891, Issue 1.

1. Applicant

A-KABEL AS
Nedre Hagaveg 15 C
2150 Årnes
Norway

2. Description and identification of the product

Product name: AK5850BH/AK5850BHS
AK5850B/AK5850BS

Type: Earmuff type hearing protectors with safety-related electrical audio input as defined in EN 352-1:2020, EN 352-3:2020, and EN 352-6:2020

Size range: Over-the-head headband model Large
Helmet attached model Small, Medium, and Large

Description: Hearing protectors with over-the-head headband or attached to industrial safety helmets in basic combination with model 3M G3000 and in supplementary combination with helmets 3M SecureFit X5500V, Auboueix IRIS 2, MSA V-GARD 520, Petzl VERTEX, and Sundström SR 580.
Black cups with yellow stripes, black cushions and black headband.

Manufacturer: A-KABEL AS

Pictures of the products:



AK5850BHS



AK5850BHS



AK5850BS mounted earmuffs attached to industrial safety helmet 3M G3000



AK5850BS mounted earmuffs attached to industrial safety helmet 3M G3000

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 a harmonized European standard EN 352-1:2020, EN 352-3:2020, and EN 352-6:2020 by accredited testing laboratories. The model of the product supplied by the applicant conforms to the technical documentation.

4. Compliance with essential health and safety requirements

The product and the technical documentation relating to it comply with the relevant essential health and safety requirements stated in the Regulation (EU) 2016/425 Annex II.

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 SGS Fimko.

Appendix 1 Technical documentation
Appendix 2 Document history

End of EU type-examination report.

Technical documentation regarding EU type-examination report 0598/PPE/22/2891/R

Product name: AK5850BH/AK5850BHS
AK5850B/AK5850BS

Applicant: A-KABEL AS, Nedre Hagaveg 15 C, 2150 Årnes, Norway

Item of technical documentation	Document identification	Assessment
1. Application for the EU type examination	2021-08-20, Per Ivar Engen	
2. Product drawing, construction, and material list	Assembly drawing AK5850BS, AK5850B, AK5850BHS, AK5850BH, Rev. A, 2021-05-20	Products are identified and described, materials are specified.
3. Compliance with Regulation (EU) 2016/425 essential health and safety requirements	The compliance assessment is based on reports mentioned below items 3.1-3.5	
3.1. SGS Fimko assessment of essential health and safety requirements	2022-05-20	The applied harmonized standards EN 352-1:2020, EN 352-3:2020 and EN 352-6:2020 support the relevant requirements
3.2. SGS test reports	401742T01, 2022-02-01	AK5850BH/AK5850BHS fulfil the requirements of EN 352-1:2020 for size range L.
	401742T02, 2022-02-11	AK5850B/AK5850BS in basic combination with helmet 3M G3000 fulfil the requirements of EN 352-3:2020 for size range S, M and L.
	401742T04, 2022-03-10	AK5850BH/AK5850BHS and AK5850B/AK5850BS fulfil the requirements of EN 352-6:2020.
	401742T03, 2022-02-18	AK5850B/AK5850BS in supplementary combination with helmet 3M SecureFit X5500V fulfils the requirements of EN 352-3:2002 for size range S, M and L, with helmet Auboueix IRIS 2 fulfils the requirements of EN 352-3:2002 for size range M and L, with helmet MSA V-GARD 520 fulfils the requirements of EN 352-3:2002 for size range L, with helmet Petzl VERTEX fulfils the requirements of EN 352-3:2002 for size range L, and with helmet Sundström SR 580 fulfils the requirements of EN 352-3:2002 for size range S, M and L.
3.3. Draft information sheet	TwinCom manual, Rev2, received 2022-05-13 Box labels, received 2022-05-02	Documents meets the requirements of the PPE Regulation, EN 352-1:2020, EN 352-3:2020 and EN 352-6:2020.
3.4. Product markings	On product Doc no.2 CE-marking AK5850B series, Rev1, 2021-06-21	Markings meet the requirements of the PPE Regulation, EN 352-1:2020, EN 352-3:2020 and EN 352-6:2020.

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Notified Body 0598

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Business ID 0978538-5

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<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
3.5. Risk assessment	Risk assessment, received 2022-05-11	Adequate
4. Description of the production quality system and related product control and test facilities		Agreement with SGS Fimko on the EU quality control system for the final product, module C2 (PPE category III products).

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Document history of EU type-examination certificate 0598/PPE/22/2891 and report 0598/PPE/22/2891/R

2022-05-20	EU type-examination report No. 0598/PPE/22/2891/R issued for EU type-examination certificate 0598/PPE/22/2891, Issue 1.
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