

EU TYPE-EXAMINATION CERTIFICATE

0598/PPE/200865

Product Hearing Protector

Model/Type MSA V-Gard Hearing Protection High/Medium/Low

Trade mark -

Certificate Holder / Manufacturer MSA Europe GmbH
Schlüsselstrasse 12
8645 Jona
Switzerland

Standard(s) This product complies with the applicable essential health and safety requirements of Regulation (EU) 2016/425 and standard(s) mentioned below
EN 352-3:2002

Additional information Earmuff type hearing protector

This certificate shall be used in conjunction with conformity assessment procedure module C2 or D.

Validity This certificate is valid until 14 December 2025.
Certificate Issue 1. Certified since 15 December 2020.

Date of issue 15 December 2020

SGS Fimko Ltd

Signature



Anna Ruhala
Product Line Manager

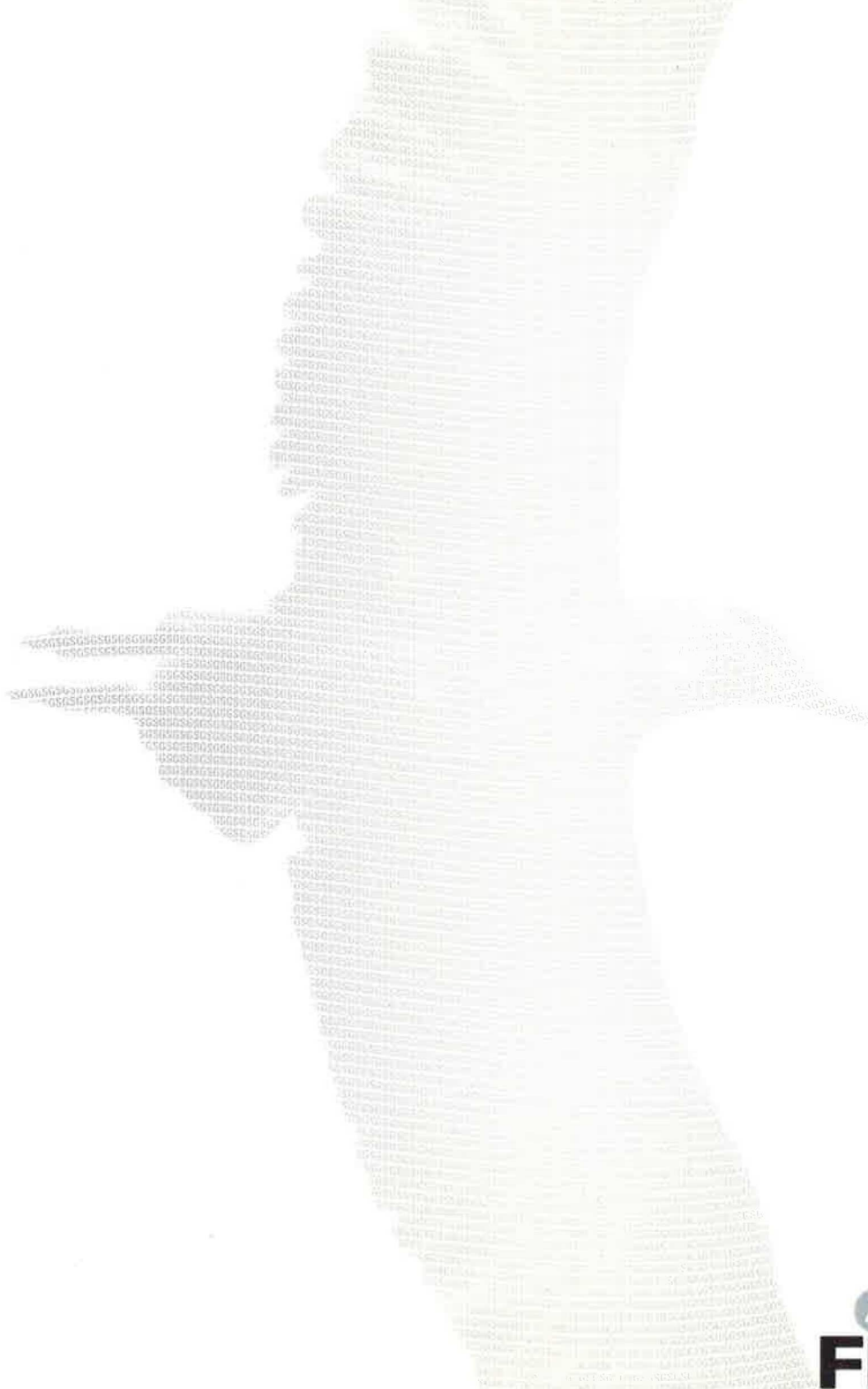


Heli Koskinen
Senior Specialist

The full details of the assessment are given in Certification report No. 0598/PPE/200865/R.
SGS Fimko Ltd is a Notified Body (0598) according to the Personal Protective Equipment Regulation (EU) 2016/425.



Additional information -



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Notified Body 0598

SGS Fimko Ltd

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Business ID 0978538-5

Member of the SGS Group (SGS SA)

EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 0598/PPE/200865, Issue 1.

1. Applicant

MSA Europe GmbH
Schlüsselstrasse 12
8645 Jona
Switzerland

2. Description and identification of the product

Product name: MSA V-Gard Hearing Protection High/Medium/Low

Type: Earmuff type hearing protectors attached to industrial safety helmets

Size range:	MSA V-Gard Hearing Protection, High	Small, Medium and Large
	MSA V-Gard Hearing Protection, Medium	Small, Medium and Large
	MSA V-Gard Hearing Protection, Low	Small, Medium and Large

Description: Earmuff type hearing protector attached to industrial safety helmets as defined in EN 352-3:2002. Black cups (with thin color stripe around the cup: red for High, yellow for Medium, and green for Low, and colored logo of soundwaves), black cushions and black attachment. The models are earmuffs attached to industrial safety helmets in basic combination with helmet MSA V-Gard and in supplementary combination with helmets listed in Appendix 3.

Manufacturer: MSA Europe GmbH

Pictures of the products:



MSA V-Gard Hearing Protection High



MSA V-Gard Hearing Protection High



MSA V-Gard Hearing Protection Medium



MSA V-Gard Hearing Protection Medium



MSA V-Gard Hearing Protection Low



MSA V-Gard Hearing Protection Low

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 352-3:2002 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
Appendix 3	List of possible helmet combinations

End of EU type-examination report.

Technical documentation regarding EU type-examination report 0598/PPE/200865/R

Product name: MSA V-Gard Hearing Protection High/Medium/Low

Applicant: MSA Europe GmbH

Item of technical documentation	Document identification	Assessment
1. Application for the EU type examination	2019-01-17, Aurelie Perras 2021-04-30, Florianne Guichard	
2. Product drawing, construction, and material list	PAD 10002 REV 6, 2019-12-12 PAD 10003 REV 6, 2019-04-29 PAD 10004 REV 5, 2019-04-29 PAD 10005 REV 4, 2019-04-29 PAD 10012 REV 10, 2018-08-07 PAD 10006 REV 2, 2018-03-27 PAD 10007 REV 2, 2018-03-27 PAD 10008 REV 2, 2018-03-27 PAD 10011 REV 3, 2018-12-11 PAD 10013 REV 7, 2018-12-05 PAD 10014 REV 7, 2018-12-05 PAD 10016 REV 5, 2019-12-12 PAD 10018 REV 5, 2019-12-12 PAD 10019 REV 4, 2018-12-17 Technical file DL090001-02, received 2021-04-30	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	2021-05-25	The applied harmonized standard EN 352-3:2002 supports the relevant requirements
3.2. Michael & Associates, Inc. test reports	Q5080A Rev0, 2018-09-12	MSA V-Gard Hearing Protection High fulfils the requirements of EN 352-3:2002 with helmet MSA V-Gard for size ranges S, M and L.
	Q5077A Rev0, 2018-09-12	MSA V-Gard Hearing Protection Medium fulfils the requirements of EN 352-3:2002 with helmet MSA V-Gard for size ranges S, M and L.
	Q5126A Rev0, 2018-10-22	MSA V-Gard Hearing Protection Low fulfils the requirements of EN 352-3:2002 with helmet MSA V-Gard for size ranges S, M and L.
	Q5224A Rev0, 2018-11-26 Q5223A Rev0, 2018-11-26 Q5222A Rev0, 2018-11-13 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with MSA V-Gard 200 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges M and L.

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<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
	Q5229A Rev0, 2018-11-26 Q5230A Rev0, 2018-11-26 Q5228A Rev0, 2018-11-13 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with MSA Thermalgard helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
	Q5226A Rev0, 2018-11-26 Q5227A Rev0, 2018-11-26 Q5225A Rev0, 2018-11-13 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with MSA V-Gard 930-950 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges M and L.
	Q5132A Rev0, 2018-10-18 Q5135A Rev0, 2018-10-18 Q5137A Rev0, 2018-10-18 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with MSA V-Gard 500-520 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
	Q5174A Rev0, 2018-10-26 Q5243A Rev0, 2018-12-10 Q5175A Rev0, 2018-10-27 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with JSP Evolite helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Low fulfils the requirements of EN 352-3:2002 for size ranges M and L. The supplementary combination for MSA V-Gard Hearing Protection Medium fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
	Q5166A Rev0, 2018-10-26 Q5167A Rev0, 2018-10-26 Q5239A Rev0, 2018-12-10 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with Scott Style 300 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges M and L.
	Q5238A Rev0, 2018-12-10 Q5164A Rev0, 2018-10-27 Q5165A Rev0, 2018-10-27 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with Centurion 1100/1125 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges M and L.
	Q5170A Rev0, 2018-10-26 Q5171A Rev0, 2018-10-27 Q5241A Rev0, 2018-12-10 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with Peltor G3000/G3001helmet	The supplementary combination for MSA V-Gard Hearing Protection Low fulfils the requirements of EN 352-3:2002 for size ranges M and L, and MSA V-Gard Hearing Protection Medium/High fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
	Q5242A Rev0, 2018-12-10 Q5172A Rev0, 2018-10-26 Q5173A Rev0, 2018-10-27 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with Scott Style 600 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.

Item of technical documentation	Document identification	Assessment
	Q5168A Rev0, 2018-10-26 Q5169A Rev0, 2018-10-26 Q5240A Rev0, 2018-12-10 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with OBX Iris 2 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
	Q5463A Rev0, 2018-12-10 for MSA V-Gard Hearing Protection High in basic combination with MSA V-Gard helmet	<p>The attachment had a minor change (raw material changed and slight simplification of the mold). The new attachment is used in test report Q5463A Rev0 for MSA V-Gard Hearing Protection High in basic combination.</p> <p>MSA V-Gard Hearing Protection High in basic combination with MSA V-Gard helmet with the new attachment fulfils the requirements of a supplementary combination according to EN 352-3:2002. The change does not affect significantly to the headband force of the basic combination, and thus attenuation of the product.</p> <p>Therefore, it can be assessed that the testing done and results obtained with the old attachment can be used for the new attachment as well.</p>
	Q6489A Rev0, 2020-11-25	<p>The attachment, spring and forks of the cup had a minor change (raw materials changed). The new attachment, spring and forks are used in test report Q6489A Rev0 for MSA V-Gard Hearing Protection High in basic combination.</p> <p>MSA V-Gard Hearing Protection High in basic combination with MSA V-Gard helmet with the new attachment, spring and forks fulfil the requirements of a supplementary combination according to EN 352-3:2002. The change does not affect significantly to the headband force of the basic combination, and thus attenuation of the product.</p> <p>Therefore, it can be assessed that the testing done, and results obtained with the old attachment, spring and forks can be used for the new attachment, spring and forks as well.</p>

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
	Q6732 Rev0, 2021-04-07 Q6731A Rev0, 2021-04-07 Q6730A Rev0, 2021-04-07 for MSA V-Gard Hearing Protection High/Medium/Low in supplementary combination with MSA V-Gard H1 helmet	The supplementary combination for MSA V-Gard Hearing Protection High/Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges M and L.
	Q6801A Rev0, 2021-04-07 Q6802A Rev0, 2021-04-07 for MSA V-Gard Hearing Protection Medium/Low in supplementary combination with Gallet F2XR helmet	The supplementary combination for MSA V-Gard Hearing Protection Medium/Low fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
3.3. Draft information sheet	PAD 10026 Rev 03, received 2021-04-30 with added comments	Document meets the requirements of the PPE Regulation, and EN 352-3:2002.
3.4. Product markings	Draft markings: On product PAD 10002 REV 6, 2019-12-12 PAD 10003 REV 6, 2019-04-29 PAD 10004 REV 5, 2019-04-29 PAD 10005 REV 4, 2019-04-29 PAD 10012 REV 10, 2018-08-07 PAD 10016 REV 5, 2019-12-12 PAD 10018 REV 5, 2019-12-12 Low.jpg, 2019-05-02 Medium.jpg, 2019-05-02 High.jpg, 2019-05-02	Markings meet the requirements of the PPE Regulation, and EN 352-3:2002.
3.5. Risk assessment	Technical file DL090001-02, received 2021-04-30	Adequate
4. Description of the production quality system and related product control and test facilities	ISO 9001:2015 for MSA DO BRASIL EQUIPAMENTOS E INSTRUMENTOS DE SEGURANÇA LTDA, valid until 2021- 04-01 Control Plan and Process Chart 10190358, 2018-10-22 Confirmation of subscription of Module D from APAVE, 2019-04-30 Declaration of Conformity, 2020-11-17	Agreement with APAVE on the EU quality control system for the quality of production, module D (PPE category III products).
5. Other documents	Confirmation letter for marking on the product, 2019-05-02	

Document history of EU type-examination certificate 0598/PPE/200865 and report 0598/PPE/200865/R

2019-05-28	EU type-examination certificate 19A0302EWS01 (FIOH)
2020-12-15	EU type-examination certificate 0598/PPE/200865, Issue 1
2021-05-25	EU type-examination certificate 0598/PPE/200865/R updated. Two supplementary helmet models were added.

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Table 1. List of possible helmet combinations (S=small size, M=medium size, L=large size)

Helmet manufacturer	Helmet model	MSA V-Gard Hearing Protection High/Medium/Low	Sizes	Test reports
MSA	MSA V-Gard	High/Medium/Low	SML	Q5126A, Q5077A, Q5080A
MSA	MSA V-Gard 930-950	High/Medium/Low	ML	Q5225A, 5226A, Q5227A
MSA	MSA V-Gard Thermalgard	High/Medium/Low	SML	Q5228A, Q5229, Q5230A
MSA	MSA V-Gard 200	High/Medium/Low	ML	Q5224A, Q5223A, Q5222A
MSA	MSA V-Gard 500-520	High/Medium/Low	SML	Q5137A, Q5132A, Q5135A
MSA	MSA V-Gard H1	High/Medium/Low	ML	Q6730A, Q6732, Q6731A
MSA	MSA Gallet F2XR	Medium/Low	SML	Q6802A, Q6801A
3M Peltor	G3000/G3001	Low	ML	Q5171A, Q5241A
3M Peltor	G3000/G3001	High/Medium	SML	Q5170A
Centurion	1100/1125	High/Medium/Low	ML	Q5238A, Q5164A, Q5165A
JSP	EVOLITE	High/Low	ML	Q5174A, Q5243A
JSP	EVOLITE	Medium	SML	Q5175A
AUBOEIX	Iris 2	High/Medium/Low	SML	Q5240A, Q5168A, Q5169A
Scott	Style 300	High/Medium/Low	ML	Q5166A, Q5167A, Q5239A
Scott	Style 600	High/Medium/Low	SML	Q5173A, Q5242A, Q5172A