

## EU type-examination certificate

**C1885.5MSA**

Applicant	MSA Europe GmbH Schlüsselstrasse 12 8645 RAPPERSWIL-JONA SWITZERLAND
Identification of the applicant	MSA
Product type	Face-shield / visor, affixed to frame for helmets and with chinguard, intended to protecting against short circuit electric arc
Model name	10163457 V-Gard Visor Arc Flash Europe compatible with Ear Muffs 10163456 V-Gard Visor Arc Flash Protective with extended Ear Protection
Standard(s) / technical rules	Essential requirements according to Annex II of the PPE Regulation (EU) 2016/425 EN 166 : 2001, EN 170 : 2002, GS-ET-29 : 2011
Test report(s)	10671-ECS-10, RWE 10_089-1, 10851-ECS-11, 11581-ECS-12, 10541-ECS-13, 10141-ECS-14, 10501-ECS-15, RWE-14_390-2, 11021-ECS-16, 11631-ECS-17, 21672-ECS-18
Material	Polycarbonate Blend

Eye-protection devices against electrical risks and for live working are Category-III-Products and are supervised by a Notified Body in accordance to the PPE-Regulation (EU) 2016/425 Module C2.

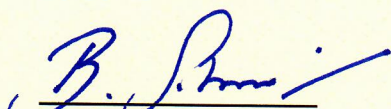
This EU type-examination certificate will expire on **June 30, 2023**.

Herewith, ECS certifies that the named model complies with the essential requirements for health and safety as they are provided by the European Regulation (EU) 2016/425 for Personal Protective Equipment. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agrees to the General Business Rules of the ECS GmbH and to additional agreements as they are named in the application for conformity assessment.

The eye-protection device is to be marked as assigned. Either / both the frame and/or the ocular, spectacle, goggle or shield must be signed, as appropriate. If different markings have been assessed, the lowest marking must be applied, respectively. The validity of this EU type-examination certificate will expire on the date as mentioned above, and/or if the manufacturer modifies the safety-relevant properties of this product with comparison to the tested one and/or if the requirements in the standards or technical rules will be revised and/or tightened.

Name, address and identification number 1883 of the notified body ECS are to be indicated in the information brochure of this product.

ECS GmbH  
Notified Body 1883  
30/06/19

  
Dr. Bernhard Schmitz  
ECS-Head of Certification



ECS GmbH – European Certification Service  
Augenschutz und Persönliche Schutzausrüstung  
Laserschutz und Optische Messtechnik  
Hüttfeldstraße 50  
73430 Aalen, Germany



Specifications

Optical class: 1

Protection against high-speed particles (B / F)

Protection against splashes of liquids (3)

Protection against short circuit electric arc (8),  
electric arc class 2, transmittance class 0

Marking / Cat-III-product

For standard chinguard:

Visor: 2C-1.2 MSA 1 F 8-2-0 3 CE 1883

Frame for helmet adaptation:

MSA 166 8 F CE 1883

For retractable chinguard:

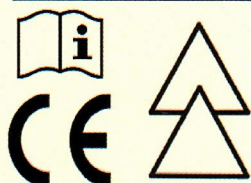
Visor: 2C-1.2 MSA 1 B 8-2-0 3 CE 1883

Frame for helmet adaptation:

MSA 166 8 B CE 1883

POLYCARBONATE **MSA**

Blend   
10163456



EN166, EN170

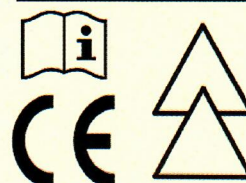
GS-ET-29 class 2 (7KA) 1000 V

2C-1.2 MSA 1 B 8-2-0 3 CE 1883

Wear with chinguard 10115828

POLYCARBONATE **MSA**

Blend   
10163457



EN166, EN170

GS-ET-29 class 2 (7KA) 1000 V

2C-1.2 MSA 1 B 8-2-0 3 CE 1883

Wear with chinguard 10115828