

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

EC TYPE EXAMINATION CERTIFICATE

11205KWS01

for face shield of optical class 1, against high energy impact A,
splashes of liquids 3, short circuit electric arc 8, molten metals and
hot solids 9 with ultraviolet filter, shade number 2C-1,2
as defined in EN 166:2001 and EN 170:2001

XM4 polycarbonate visor
mounted on SIL B browguard and on Uvex Airwing helmet
Oy Silenta Ltd
Finland

This product complies with Directive 89/686/EEC, as amended

Helsinki, 30 August 2011



Helena Mäkinen
Team leader



Anna Ruhala
Researcher

This certificate comprises 3 pages and an appendix.



1. Applicant

Oy Silenta Ltd
Länsiväylä 7
FI-40700 Jyväskylä
Finland

2. Description and identification of the product

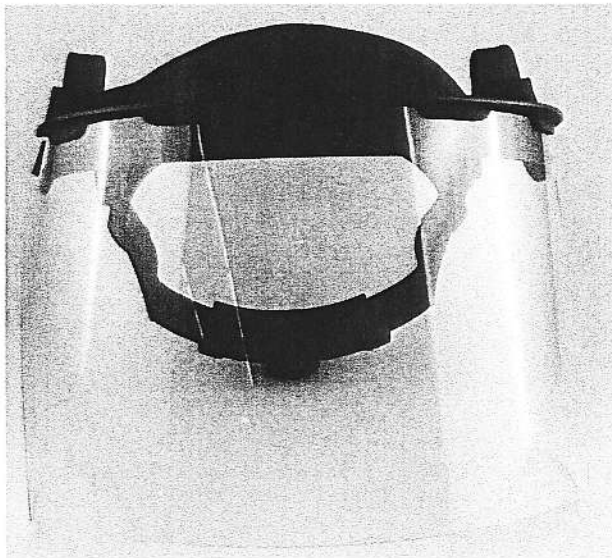
Type: Face screen type eye and face protector mounted on SIL B browguard and on Uvex Airwing helmet as defined in EN 166:2001 and EN 170:2001

Name: Silenta XM4

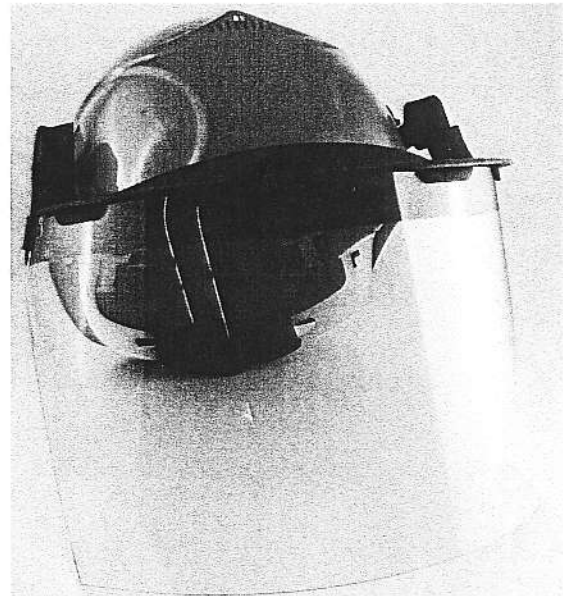
Description: Silenta XM4 is a polycarbonate visor

Manufacturer: Oy Silenta Ltd

Pictures of the product



Visor Model XM4 mounted on SIL B browguard



Visor Model XB4 mounted on Uvex Airwing helmet

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 standards EN 166:2001 and EN 170:2001 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. Technical documentation

End of EC type examination certificate 11205KWS01.



**Technical and other documentation regarding EC type examination certificate
11205KWS01**

Product name: XM4 visor

Applicant: Oy Silenta Ltd

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	Arimo Ristola, 2011-03-29	Contains adequate information
2. Product drawing, construction, and material list	Appendix to application, Liite 2	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 3.1-3.5	
3.1 FIOH assessment of relevant Directive basic requirements	2011-08-30	The applied harmonised standards EN 166:2001 and EN 170:2001 support the relevant requirements
3.2 FIOH test report	166856T01, 2011-07-05	The product fulfils the requirements
3.3 Inspec test report	Test report no: 00.11.37, 2000-12-05	The product fulfils the requirements
3.4 Draft information sheet	Appendix to the application	Adequate
3.5 Product markings	Draft markings appendix to application	Adequate
4. Description of the production quality system and related product control and test facilities	Certificate no 1022-06, issued on 2010-03-23	Adequate for category II products

End of documentation list