CERTOTTICA

Istituto Italiano per la Certificazione dei prodotti Ottici Scrl

Zona Industriale Villanova

I - 32013 Longarone BL

Tel.: ++39 437 573157 Fax: ++39 437 573131 E-Mail: info@certottica.it

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

PRD N°142B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

EU TYPE-EXAMINATION CERTIFICATE

no: AC 08020 Rev.9

Pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016,

CERTOTTICA Scrl

Italian Institute for the certification of optical products
Notified body under PPE Regulation with identification number: 0530

considering application for EU type-examination no. **18196** submitted on **14/09/2018**

CERTIFIES THAT

the following personal protective equipment type

Personal eye protector - Spectacle

90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA

submitted by

Shu Gie Industrial Co., Ltd

No.98 Keji 3rd Road, Tainan Technology Industrial Park, Tainan City, 70955 - TAIWAN (R.O.C)

meet the essential health and safety requirements which apply to it.

Description of the personal protective equipment model, references to the standards, test results and description of the CE marking placed on the equipment are described on pages 2, 3 and 4 of this document.

First issued on:	**22/02/2008**
Renewal or revision date:	**22/02/2023**
Expiry date:	**21/02/2028**

Longarone, **22/02/2023**

Certification Services Manager
(Giorgio Sommariva)

CERTOTTICA Longarone S.C.R.L.

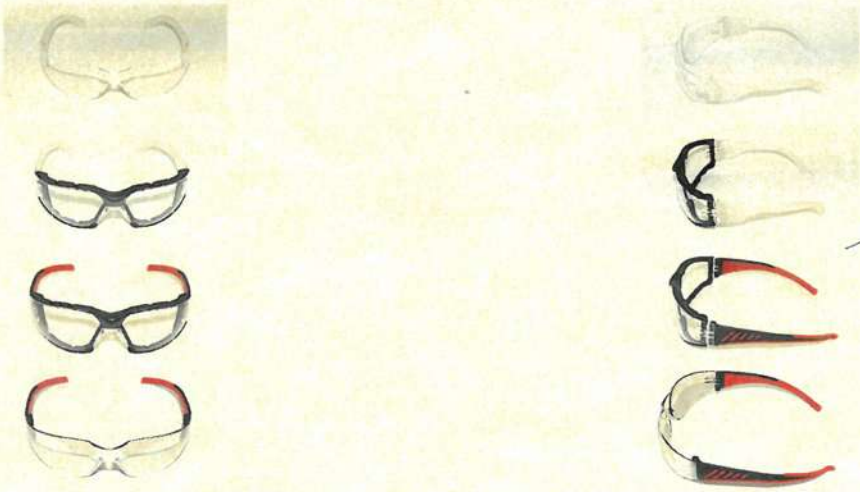
This document has no. 4 numbered pages.

1. Description of the Personal Protective Equipment

Identification of the PPE:	90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA
Trade name:	SHU GIE
Kind of equipment:	Personal eye protector - Spectacle
Ocular Material	Polycarbonate
Frame Material	Polycarbonate, TPE, TPR and EVA
In compliance with Standard(s):	EN 166:2001 and /
PPE Category:	II
Field(s) of use:	Protection against high speed particles at extremes of temperature - Low energy impact; Protection against optical radiation - Ultraviolet filters - EN 170 (Clear and Yellow oculars); Protection against optical radiation - Sunglare filters for industrial use - EN 172 (Smoke, Clear w/Full Mirror, Yellow w/Full Mirror and Smoke w/Full Mirror oculars); Resistance to surface damage by fine particles and to fogging of oculars (Clear ocular).

Note: The present EU type-examination certificate is the ninth revision of the previous EC Type-Examination Certificate issued by Certottica on 22/02/2008 with number AC 08020. The first revision, issued on 08/10/2010, added the Yellow ocular variant. The second revision, issued on 01/08/2014, added the Clear ocular variant. The third revision, issued on 29/05/2015, added the frame variant with code 90960RX. The fourth revision, issued on 31/07/2015, added the frame variant with code 90960FA-RX. The fifth revision, issued on 18/12/2015, added the requirement of protection against high speed particles at extreme of temperature for the eye-protector with the ocular variants Yellow and Smoke. The sixth revision, issued on 04/11/2016, added the frame variant with code 90960BI. The seventh revision, issued on 22/06/2018, converted the EC Type-Examination Certificate into an EU type-examination certificate and updated the manufacturer's address. The eighth revision, issued on 26/10/2018, added the frame variant with code 90960FA and the ocular variants: Clear w/Full Mirror, Yellow w/Full Mirror and Smoke w/Full Mirror for each frame variants, except for the frame variant with code 90960BI. This ninth revision renews the EU type-examination certificate.
The eye-protector model 90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA has six ocular variants: Clear (protection against: optical radiation - ultraviolet filters with resistance to surface damage by fine particles and resistance to fogging), Yellow (protection against optical radiation - ultraviolet filters), Smoke (protection against optical radiation - sunglare filters for industrial use), Clear w/Full Mirror (protection against optical radiation - sunglare filters for industrial use), Yellow w/Full Mirror (protection against optical radiation - sunglare filters for industrial use) and Smoke w/Full Mirror (protection against optical radiation - sunglare filters for industrial use),
The eye-protector model 90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA, is in five configurations: without an additional frame inside the frontal (code 90960), with an additional frame inside the frontal (code 90960RX), with an additional frame inside the front and different temples with rubber (code 90960FA-RX), with an additional single-vision segment with power +1.0, +1.5, +2.0, +2.5 or +3.0 D in the configuration without additional frame inside the front (code 90960BI) and without an additional frame inside the frontal and with temples in rubber (code 90960FA).

Manufacturer's name:	Shu Gie Industrial Co., Ltd
Manufacturer's address:	No.98 Keji 3rd Road, Tainan Technology Industrial Park, Tainan City, 70955 - TAIWAN (R.O.C)
Authorised representative's name:	/
Authorised representative's address:	/
Certificate's holder:	Shu Gie Industrial Co., Ltd
Holder's address:	No.98 Keji 3rd Road, Tainan Technology Industrial Park, Tainan City, 70955 - TAIWAN (R.O.C)



CERTOTTICA Longarone S.C.R.L.

2. Levels of protection offered by the PPE

Applicable harmonised standards/technical specifications:

EN 166:2001 - Personal eye-protection - Specifications

EN 167:2001 - Personal eye-protection - Optical test methods

EN 168:2001 - Personal eye-protection - Non-optical test methods

EN 170:2002 - Personal eye-protection - Ultraviolet filters - Transmittance requirements and recommended use

EN 172:1994/A1:2000/A2:2001 - Personal eye-protection - Sunglare filters for industrial use

Personal protection equipment model:90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA

complies with the basic requirements and with the following additional requirements provided for by the harmonised standard(s)/technical specification(s) for the particular use of this PPE in the foreseeable conditions of use :

EN 166:2001 and /

Protection against high speed particles at extremes of temperature - Low energy impact;

Resistance to surface damage by fine particles (Clear ocular);

Resistance to fogging of oculars (Clear ocular).

/

/

Moreover, the personal protection equipment complies with the specific requirements provided for by the connected harmonised standard(s)/technical specification(s) for the particular fields of use:

EN 170 and EN 172

The eye-protector model 90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA with the ocular variants: Clear and Yellow is designed for protection against optical radiation - ultraviolet filters;
The eye-protector model 90960 - 90960RX - 90960FA-RX - 90960BI - 90960FA with the ocular variants: Clear w/Full Mirror, Yellow w/Full Mirror, Smoke w/Full Mirror and Smoke is designed for protection against optical radiation - sunglare filters for industrial use.

3. Test and examinations results are covered by the following test reports:

CERTOTTICA	141550	30/05/2014
CERTOTTICA	142861	29/07/2014
CERTOTTICA	151658	29/05/2015
CERTOTTICA	152661	28/07/2015
CERTOTTICA	154517 - 154518	04/12/2015
CERTOTTICA	163933	30/09/2016
CERTOTTICA	164167	28/10/2016
CERTOTTICA	184255 ÷ 184260	12/10/2018
CERTOTTICA	226820 - 226821	19/12/2022
/	/	

CERTOTTICA Longarone S.C.R.L.

4. The marking elements reproduced on the oculars are the following:

		Ocular 1	Ocular 2
Variant	Clear ocular	2C-1,2	/
Scale Number	Yellow ocular	/	2C-1,2
	Clear w/Full Mirror and Yellow w/Full Mirror oculars	/	5-1,7
	Smoke and Smoke w/Full Mirror oculars	/	5-3,1
Manufacturer's Identification		SGI	SGI
Optical class		1	1
Standard of reference			
Symbol of Mechanical Resistance		FT	FT
Resistance to surface damage by fine particles		K	/
Resistance to fogging of oculars		N	/
/		/	/
/		/	/
/		/	/
CE Marking		CE	CE

Marking position: On the front side of the ocular, in the upper central position.

5. The Marking elements reproduced on the frame are the following:

Manufacturer's Identification	SGI
Reference standard	EN 166
Protection against high-speed particles at extremes of temperature - Low energy impact	FT
/	/
/	/
/	/
/	/
CE Marking	CE

Marking position: On the right temple, inner position.

6. Stetment for category III PPE:

/

CERTOTTICA Longarone S.C.R.L.

Terms and conditions under which the Certificate is issued

a) Marking and instructions have been examined in English. Obtaining and supplying versions in languages accepted by the countries where the product is sold are under the complete responsibility of the Manufacturer or of his authorized representative.
b) Any changes to the product, to the technical documentation or, in set cases, to the manual or to the quality control procedures, shall be notified in time to Certottica.
c) The Manufacturer or his authorized representative shall respect the procedures and rules provided for by Certottica for the issuing of the EU type-examination.
d) Copies of this EU type-examination certificate, supplied to third parties, shall be reproduced in their entirety.
e) This EU type-examination certificate shall be kept by the Manufacturer to be shown, on request, to the market surveillance authorities.
f) This EU type-examination certificate remains property of Certottica, which can ask it to be returned if any of the above mentioned conditions is not respected.