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
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PRD N°142B
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
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EU TYPE-EXAMINATION CERTIFICATE

no: AC 20016 Rev.1

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. **24069** submitted on **21/03/2024**

CERTIFIES THAT

the following personal protective equipment type

Personal eye protector - Spectacle

E420

submitted by

Shamir Optical Industry Ltd

Kibbutz Shamir, Upper Galilee - 12135 ISRAEL

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:	**07/02/2020**
Renewal or revision date:	**17/04/2024**
Expiry date:	**16/04/2029**

Longarone, **17/04/2024**

Certification Services Manager
(Giorgio Sommariva)

CERTOTTICA Longarone S.C.R.L.

This document has no. 4 numbered pages.

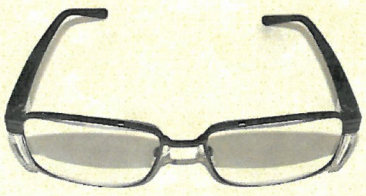
1. Description of the Personal Protective Equipment

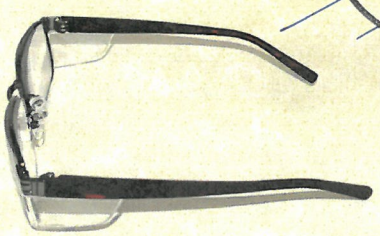
Identification of the PPE:	E420
Trade name:	EYRES
Kind of equipment:	Personal eye protector - Spectacle
Ocular Material	Polycarbonate, Trivex or 1.67
Frame Material	Stainless Steel, Polycarbonate, Polyamide and PVC
In compliance with Standard(s):	EN 166:2001 and /
PPE Category:	II
Field(s) of use:	Protection against high-speed particles at extremes of temperature - Low energy impact;
	Protection against optical radiation - Ultraviolet filters - EN 170 (Clear lenses);
	Protection against optical radiation - Sunglare filters for industrial use - EN 172 (Photo Grey lenses);
	Resistance to surface damage by fine particles.

Note: The present EU type-examination certificate is the first revision of the previous certificate issued by Certottica on 07/02/2020 with number AC 20016. This first revision adds the Polycarbonate with Metaform Clear and 1.67 with Metaform Clear lens variants and renews the certificate.
Eye-protector model E420 can mounts six prescription lens variants: Polycarbonate Clear (single-vision with powers from -10.0 D to +8.75 D, bifocal with powers from -10.0 D to +6.0 D and add. from 0.75 D to 3.0 D and power-variation with powers from -10.0 D to +6.0 D and add. from 0.75 D to 3.0 D - Ultraviolet filters with resistance to surface damage), Polycarbonate with Metaform Clear (single-vision with powers from -8.75 D to +8.0 D, bifocal with powers from -8.75 D to +6.0 D and add. from 0.75 D to 3.0 D and power-variation with powers from -8.75 D to +6.0 D and add. from 0.75 D to 3.0 D - Ultraviolet filters with resistance to surface damage), Trivex Clear (single-vision with powers from -8.0 D to +5.0 D, bifocal with powers from -8.0 D to +5.0 D and add. from 0.75 D to 3.0 D and power-variation with powers from -8.0 D to +5.0 D and add. from 0.75 D to 3.0 D - Ultraviolet filters with resistance to surface damage), 1.67 with Metaform Clear (single-vision with powers from -8.75 D to +8.0 D, bifocal with powers from -8.75 D to +6.0 D and add. from 0.75 D to 3.0 D and power-variation with powers from -8.75 D to +6.0 D add. from 0.75 D to 3.0 D - Ultraviolet filters with resistance to surface damage), Polycarbonate Photo Grey (single-vision with powers from -10.0 D to +8.75 D, bifocal with powers from -10.0 D to +6.0 D and add. from 0.75 D to 3.0 D and power-variation with powers from -10.0 D to +6.0 D and add. from 0.75 D to 3.0 D - Sunglare filters for industrial use with resistance to surface damage) and Trivex Photo Grey (single-vision with powers from -8.0 D to +5.0 D, bifocal with powers from -8.0 D to +5.0 D and add. from 0.75 D to 3.0 D and power-variation with powers from -8.0 D to +5.0 D and add. from 0.75 D to 3.0 D - Sunglare filters for industrial use with resistance to surface damage).

Manufacturer's name:	Shamir Optical Industry Ltd
Manufacturer's address:	Kibbutz Shamir, Upper Galilee - 12135 ISRAEL
Authorised representative's name:	/
Authorised representative's address:	/
Certificate's holder:	Shamir Optical Industry Ltd
Holder's address:	Kibbutz Shamir, Upper Galilee - 12135 ISRAEL

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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: E420

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.

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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 E420 with the Clear (Polycarbonate, Polycarbonate with Metaform, 1.67 with Metaform and Trivex) lens variants is designed for protection against optical radiation - ultraviolet filters;
The eye-protector model E420 with the Photo Grey (Polycarbonate and Trivex) lens variants 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	172258 - 172262	07/07/2017
CERTOTTICA	172264 - 172268	07/07/2017
CERTOTTICA	180797 - 180799	05/04/0218
CERTOTTICA	197197 - 197199	28/10/2019
CERTOTTICA	198230 - 198231	17/01/2020
CERTOTTICA	227342 - 227343 - 227344	19/01/2023
CERTOTTICA	233014	15/06/2023
CERTOTTICA	233203 - 233204	19/07/2023
/	/	
/	/	

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

		Ocular 1	Ocular 2
Variant	**Clear lenses**	**2C-1,2**	/
Scale Number	**Photo Grey lenses**	**5-1,1<3,1**	/
		/	/
		/	/
Manufacturer's Identification			/
Optical class		**1**	/
Standard of reference			/
Impact level		**FT**	/
Resistance to surface damage by fine particles		**K**	/
/		/	/
/		/	/
/		/	/
/		/	/
CE Marking		**CE**	/

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

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

Manufacturer's Identification	
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:

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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.