

**CERTOTTICA**

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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 20245

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

**CERTOTTICA Srl**

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

considering application for EU type-examination no. 20311 submitted on 21/09/2020

### CERTIFIES THAT

the following personal protective equipment type

**Personal eye protector - Spectacle**  
**3M™ Virtua Series**

submitted by

**3M United Kingdom PLC**

**3M Centre, Cain Road, Bracknell Berkshire RG12 8HT - UNITED KINGDOM**

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: 25/09/2020

Renewal or revision date: /

Expiry date: 24/09/2025

Longarone, 25/09/2020

Certification Services Manager  
(Giorgio Sommariva)

Longarone

S.C.R.L.

This document has no. 4 numbered pages.

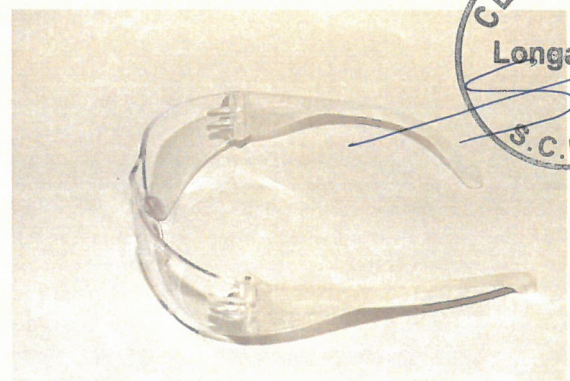
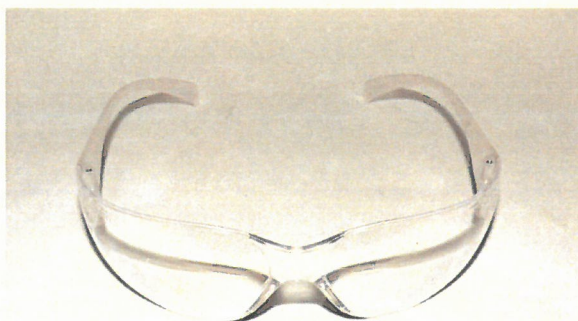


## 1. Description of the Personal Protective Equipment

Identification of the PPE:	3M™ Virtua Series	
Trade name:	3M™	
Kind of equipment:	Personal eye protector - Spectacle	
Ocular Material	Polycarbonate	
Frame Material	Polycarbonate	
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 - EN170 (Clear and Amber oculars); Protection against optical radiation - Sunglare filters for industrial use - EN172 (Grey and Blue Mirror oculars); Frame designed to fit a small head (Slim PC Clear AF variant).	

Note: Eye-protector model 3M™ Virtua Series has eight ocular variants: PC Clear AS - code 71500-00001 (protection against optical radiation - Ultraviolet filter), PC Clear AS/AF - code 715001AF (protection against optical radiation - Ultraviolet filter), PC Grey AS - code 71500-00002 (protection against optical radiation - Sunglare filters for industrial use), PC Grey AS/AF - code 715002AF (protection against optical radiation - Sunglare filters for industrial use), PC Amber AS - codes 71500-00003 (protection against optical radiation - Ultraviolet filter), PC Amber AS/AF - codes 715003AF (protection against optical radiation - Ultraviolet filter), PC Blue Mirror - code 71500-00004 (protection against optical radiation - Sunglare filters for industrial use) and Slim PC Clear AF - code 71500-00008 (protection against optical radiation - Ultraviolet filter designed to fit a small head).

Manufacturer's name:	3M United Kingdom PLC
Manufacturer's address:	3M Centre, Cain Road, Bracknell Berkshire RG12 8HT - UNITED KINGDOM
Authorised representative's name:	/
Authorised representative's address:	/
Certificate's holder:	3M United Kingdom PLC
Holder's address:	3M Centre, Cain Road, Bracknell Berkshire RG12 8HT - UNITED KINGDOM





**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: 3M™ Virtua Series

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;

Frame designed to fit a small head (Slim PC Clear AF variant).

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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 3M™ Virtua Series with the ocular variants: PC Clear AS, PC Clear AS/AF, PC Amber AS, PC Amber AS/AF and Slim PC Clear AF is designed for protection against optical radiation - ultraviolet filters; The eye-protector model 3M™ Virtua Series with the ocular variants: PC Grey AS, PC Grey AS/AF and PC Blue Mirror is designed for protection against optical radiation - sunglare filters for industrial use.

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

INSPEC	04.07.25	19/07/2004
INSPEC	06.04.03	11/04/2006
INSPEC	06.04.04	11/04/2006
INSPEC	06.04.05	11/04/2006
INSPEC	06.04.06	11/04/2006
INSPEC	06.08.54	18/08/2006
INSPEC	08.07.77	30/07/2008
CERTOTTICA	203146 ÷ 203148	09/07/2020
CERTOTTICA	204211 ÷ 204212	31/08/2020

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

		Ocular 1	Ocular 2
Variant	PC Clear AS - PC Clear AS/AF - Slim PC Clear AF	2C-1,2	/
Scale Number	PC Amber AS - PC Amber AS/AF	2C-1,2	/
	PC Grey AS - PC Grey AS/AF	5-2,5	/
	PC Blue Mirror	5-2,5	/
Manufacturer's Identification		3M	/
Optical class		1	/
Standard of reference		EN 166	/
Symbol of Mechanical Resistance		FT	/
/		/	/
/		/	/
/		/	/
/		/	/
/		/	/
CE Marking		CE	/

Marking position: On the front side of right hand ocular.

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

Manufacturer's Identification	3M
Reference standard	EN 166
Protection against high-speed particles at extremes of temperature - Low energy impact	FT
Frame designed to fit a small head (Slim PC Clear AS variant)	H
/	/
/	/
/	/
CE Marking	CE

Marking position: On the left temple, inner position.

**6. Statement 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.

