



**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

## **EC TYPE-EXAMINATION CERTIFICATE**

**no: AC 12062**

In realization of the 89/686/EEC Directive dated 21st December 1989, modified by the 93/68/EEC, 93/95/EEC, 96/58/EEC Directives - regarding the reconciliation of the Legislation of the Member States, relevant to the personal protective equipment - and by the Italian Legislative Decrees 475 (04/12/92) and 10 (02/01/97) which incorporate their contents,

**CERTOTTICA Srl**

**Italian Institute for the certification of optical products**  
**Authorized by the Ministry of Industry with the Decree dated 10th January 1995**  
**Identification Number: 0530**

considered the application for EC type-examination no. **12091** presented the **17/10/2012**

### **CERTIFIES THAT**

the following personal protective equipment model

**Personal eye protector - Spectacle**  
**E001 - LIGHTNING**

presented by

**COFRA S.r.l.**

**Via dell'Euro, 43-59 - 76121 Barletta (BT) ITALY**

resulted to be in conformity with the essential requirements provided for by the Attachment II of the Directive.

The description of the personal protective equipment model, the normative reference, the verification results and the description of the CE marking on the equipment are described on pages 2, 3 and 4 of the present document.

First issue date: **26/10/2012**

Renewal or revision date: **25/10/2017**

Expiration date: **03/10/2022**

Longarone, **25/10/2017**

This document consists of no. 4 numbered pages.

Certification Services Manager  
(Giorgio Sommariva)

**Longarone**

## 1. Description of the Personal Protective Equipment

Product Designation: E001 - LIGHTNING  
Commercial Trade: COFRA  
Product Description: Personal eye protector - Spectacle  
Ocular Material: Polycarbonate  
Frame Material: Polycarbonate and TPR  
In Conformity with the Standard(s): EN 166:2001 and /  
PPE Category: II  
Field(s) of use: Protection against high-speed particles at extremes of temperatures - Low energy impact;  
Protection against optical radiation - Ultraviolet filters - EN 170 (Clear oculars);  
Protection against optical radiation - Sunglare filters for industrial use - EN 172 (Smoke, Smoke with red flash mirror and Porized oculars).  
/

Note: The spectacles model E001 - LIGHTNING has four ocular variants: Clear - reference code 00 (protection against optical radiation - Ultraviolet filters), Smoke - reference code 10 (protection against optical radiation - Sunglare filters for industrial use), Smoke with red flash mirror - reference code 40 (protection against optical radiation - Sunglare filters for industrial use) and Polarized - reference code 11 (protection against optical radiation - Sunglare filters for industrial use).

Manufacturer's name: COFRA S.r.l.  
Manufacturer's address: Via dell'Euro, 43-59 - 76121 Barletta (BT) ITALY  
Mandatory's name: /  
Mandatory's address: /  
Certificate's holder: COFRA S.r.l.  
Holder's address: Via dell'Euro, 43-59 - 76121 Barletta (BT) ITALY



## 2. Levels of protection offered by the personal protective equipment

Applicable Standards:

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

The protection equipment E001 - LIGHTNING

is in conformity with the basic requirements and with the following additional requirements provided by the standard(s) of reference for the particular fields of utilization the device is addressed to.

EN 166:2001 and /

Protection against high-speed particles at extremes of temperatures - Low energy impact.

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Moreover, the protection equipment is in conformity with the specific requirements provided by the connected norm for the particular fields of utilization the device is addressed to:

EN 170 and EN 172

The eye-protector model E001 - LIGHTNING with the Clear ocular variant is designed for protection against optical radiation - ultraviolet filters;

The eye-protector model E001 - LIGHTNING with the ocular variants: Smoke, Smoke with red flash mirror and Polarized is designed for protection against optical radiation - sunglare filters for industrial


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

CERTOTTICA	102040	09/07/2010
CERTOTTICA	111235	20/05/2011
CERTOTTICA	122657	21/09/2012
CERTOTTICA	122658	24/09/2012
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**4. The marking elements reproduced on the oculars are the following:**

		Ocular 1	Ocular 2
<b>Variation</b>	<b>Clear oculars</b>	<b>2C-1,2</b>	<b>/</b>
<b>Scale Number</b>	<b>Smoke oculars</b>	<b>5-2,5</b>	<b>/</b>
	<b>Smoke with red flash mirror oculars</b>	<b>5-3,1</b>	<b>/</b>
	<b>Polarized oculars</b>	<b>5-3,1</b>	<b>/</b>
Manufacturer's Identification			<b>/</b>
Optical class		<b>1</b>	<b>/</b>
Standard of reference			<b>/</b>
Symbol of Mechanical Resistance		<b>FT</b>	<b>/</b>
/		<b>/</b>	<b>/</b>
/		<b>/</b>	<b>/</b>
/		<b>/</b>	<b>/</b>
/		<b>/</b>	<b>/</b>
/		<b>/</b>	<b>/</b>
CE Marking		<b>CE</b>	<b>/</b>

Marking position: On the front side of left ocular, in the lower lateral position.

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

Manufacturer's Identification	
Standard of reference	<b>EN 166</b>
Protection against high-speed particles at extremes of temperature - Low energy	<b>FT</b>
/	<b>/</b>
/	<b>/</b>
/	<b>/</b>
/	<b>/</b>
CE Marking	<b>CE</b>

Marking position: On the right temple, inner position.

**6. Quality control system for devices belonging to the IIIrd class according to the article**

Supervisory Body / EEC Code /

Address /

**Terms and conditions under which the Certificate is issued**

- Marking and instructions were examined in English. The supplying and the obtainment of versions in languages accepted by the countries in which the product is sold are under the complete responsibility of the Manufacturer or of his authorized Representant.
- Any variation to the product, to the technical file or, in the provided cases, to the manual or to the quality control procedures, shall be notified in time to Certottica.
- The Manufacturer or his authorized Representant shall respect the procedures and the regulations provided by Certottica for the EC Certification.
- Copies of this Certificate, supplied to third parties, shall be reproduced in their entirety.
- The present certificate shall be carefully kept by the Manufacturer to be shown, on request, to the Organism of control or to the Vigilance Administration.
- The present certificate remains property of Certottica, which can ask for it back if some of the above mentioned conditions are not respected.

