



**CERTOTTICA**

*Istituto Italiano per la Certificazione dei prodotti Ottici Scarl*

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## **EC TYPE-EXAMINATION CERTIFICATE**

no: **AC 10176**

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 Scarl**

**National 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. **10217** presented the **02/12/2010**

### **CERTIFIES THAT**

the following personal protective equipment model

**Spectacle**

**SG-200**

presented by

**Safetyware Sdn. Bhd.**

**No. 82, Jalan Industri Beringin, Taman Perindustrian Beringin, 14100 Juru, Bukit Mertajam, Penang, MALAYSIA**

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.

Longarone, **17/12/2010**

The Technical Coordinator  
(Dr. Giorgio Sommariva)

This document consists of no. 4 numbered pages.

### 1. Description of the Personal Protective Equipment

Product Designation:	SG-200
Commercial Trade:	SAFETYWARE
Product Description:	Spectacle
Ocular Material	Polycarbonate
Frame Material	Polycarbonate and rubber
In Conformity with the Standard(s):	EN 166:2001 and /
PPE Category:	II
Field(s) of use:	Protection against high-speed particles - Low energy impact; Protection against optical radiation - ultraviolet filters - EN 170 (Clear oculars); Protection against optical radiation - Sunglare filters for industrial use - EN172 (Smoke oculars). /

Note: Spectacle model SG-200 has two ocular variants: Clear - reference code SG-200C (protection against optical radiation - ultraviolet filter) and Smoke - reference code SG-200G (protection against optical radiation - sunglare filters for industrial use).

Manufacturer's name:	Safetyware Sdn. Bhd.
Manufacturer's address:	No. 82, Jalan Industri Beringin, Taman Perindustrian Beringin, 14100 Juru, Bukit Mertajam, Penang, MALAYSIA
Mandatory's name:	/
Mandatory's address:	/
Certificate's holder:	Safetyware Sdn. Bhd.
Holder's address:	No. 82, Jalan Industri Beringin, Taman Perindustrian Beringin, 14100 Juru, Bukit Mertajam, Penang, MALAYSIA



**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 SG-200

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 / EN 166:2001 :

Protection against high-speed particles - Low energy impact.

/  
/  
/  
/

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

Eye-protector model SG-200 with Clear ocular variant, protection against optical radiation - ultraviolet filters;

Eye-protector model SG-200 with Smoke ocular variant, protection against optical radiation - Sunglare filters for industrial use.

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

ICS Laboratories Inc.	T4918-01-1	26/08/2009
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	



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

		Ocular 1	Ocular 2
<b>Variation</b>	Clear oculars	2C-1,2	/
Scale Number	Smoke oculars	5-3,1	/
		/	/
		/	/
Manufacturer's Identification		STW	/
Optical class		1	/
Standard of reference		EN 166	/
Symbol of Mechanical Resistance		F	/
/		/	/
/		/	/
/		/	/
/		/	/
/		/	/
CE Marking		CE	/

Marking position: See frame.

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

Manufacturer's Identification	STW
Standard of reference	EN 166
Protection against high-speed particles - Low energy impact	F
/	/
/	/
/	/
/	/
CE Marking	CE

Marking position: On the left or right temple inner position.

Since the eye-protector together with the frame and ocular are a single unit the marking is:

- CE 2C-1,2 STW 1 F - EN 166 F for spectacle with Clear oculars;
- CE 5-3,1 STW 1 F - EN 166 F for spectacle with Smoke oculars.

**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**

- a) 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.
- b) 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.
- c) The Manufacturer or his authorized Representant shall respect the procedures and the regulations provided by Certottica for the EC Certification.
- d) The complete reproduction of this Certificate is allowed upon written authorization by Certottica.
- e) 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.
- f) The present certificate remains property of Certottica, which can ask for it back if some of the above mentioned conditions are not respected.
- g) The expiration date of the present EC Type-Examination Certificate is 5 years starting from the issue date.

