

CERTOTTICA

Istituto Italiano per la Certificazione dei prodotti Ottici Scarl

Zona Industriale Villanova

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EC TYPE-EXAMINATION CERTIFICATE

no: AC 06065

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. 06071 presented the 11/08/2006

CERTIFIES THAT

the following personal protective equipment model

Goggle

AL-220 KRATOS

presented by

Espomega SA DE CV

Pablo A Gonzalez Garza 820 Pte Col Chepevera Monterrey N.L. MEXICO

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 page 2. 3 .4 of the present document.

Longarone, 01/09/2006

The Technical Coordinator
(Dr. Giorgio Sommariva)

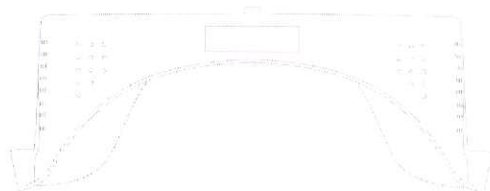
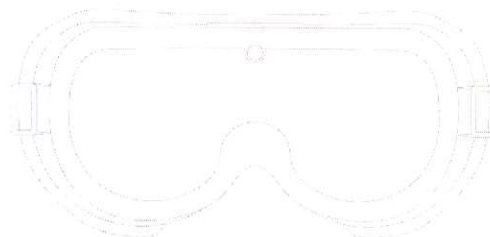
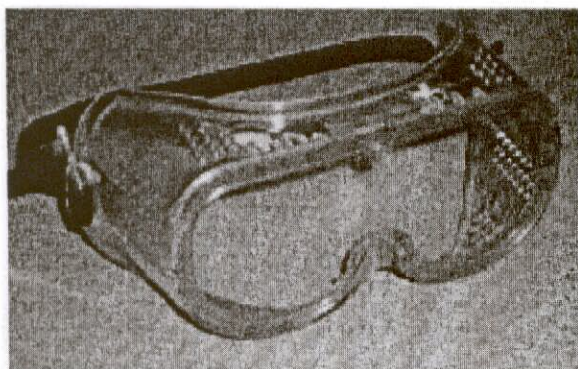
This document consists of no. 4 numbered pages.

1. Description of the Personal Protective Equipment

Product Designation: AL-220 KRATOS
Commercial Trade: DERMA CARE
Product Description: Goggle
Ocular Material: Polycarbonate
Frame Material: PPC
In Conformity with the Standard(s): EN166:2001 and /
PPE Category: II
Field(s) of use: Protection against high-speed particles - Low energy impact
/
/
/
/

Note: /

Manufacturer's name: Espomega SA DE CV
Manufacturer's address: Pablo A Gonzalez Garza 820 Pte Col Chepevera Monterrey N.L. MEXICO
Mandatory's name: /
Mandatory's address: /
Certificate's holder : Espomega SA DE CV
Holder's address: Pablo A Gonzalez Garza 820 Pte Col Chepevera Monterrey N.L. MEXICO



2. Levels of protection offered by the personal protective equipment

Applicable Standards:

EN 165:1995 - Personal eye-protection - Vocabulary

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

/

The protection equipment AL-220 KRATOS

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.

EN166:2001 and / :

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:

/

/

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

ICS Laboratories Inc.	J2110-02	23/04/2004
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	
/	/	



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

	Ocular 1	Ocular 2
Variation	/	/
Scale Number	/	/
	/	/
	/	/
Manufacturer's Identification	Derma Care	/
Optical class	1	/
Standard of reference		/
Symbol of Mechanical Resistance	F	/
/	/	/
/	/	/
/	/	/
/	/	/
/	/	/
CE Marking	CE	/

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

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

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

Marking position: In the middle of the external top 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

- 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.

TEST REPORT:

Report of Goggle Testing of
Model DERMA CARE/AL-220 KRATOS

REPORT TO:

Espomega SA de CV
Pablo A Gonzalez Garza
820 Pte Col Chepevera
Monterrey N.L. Mexico

ATTENTION:

Mr. David Shapiro

REPORT DATE:

April 8, 2004

REPORT TO:	Espomega SA de CV Pable A Gonzalez Garza 820 Pte Col Chepevera Monterrey N.L. Mexico	PROJECT:	Report of Spectacle Testing of Model DERMA CARE/AL-220 KRATOS
ATTENTION:	Mr. David Shapiro	PSI PROJECT NO.:	823-46012
DATE:	April 8, 2004	PSI LAB NO.:	ELC-40121

Professional Service Industries, Inc. (PSI) has performed testing on the referenced project. The results of our tests are presented in the accompanying report.

On April 5, 2004, Professional Service Industries, Inc. (PSI) received eight (8) goggles, identified as, DERMA CARE/AL-220 KRATOS Goggles EF 002 with Clear Removable Lenses, from Espomega SA de CV. On April 7, 2004, PSI tested these goggles in general accordance with ANSI Z87.1-2003. **This report supersedes PSI Report Project # 823-46012, Lab # ELC-40038 dated March 1, 2004.**

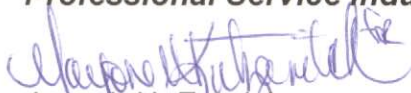
Our services for this project were performed in accordance with PSI Proposal No. 823-4055, Rev. A, dated January 20, 2004. The proposal included a proposed scope of services, estimated costs, unit rates, and PSI's General Conditions. Authorization to perform this project was in the form of signed acceptance of the aforementioned proposal, acknowledged March 1, 2004.

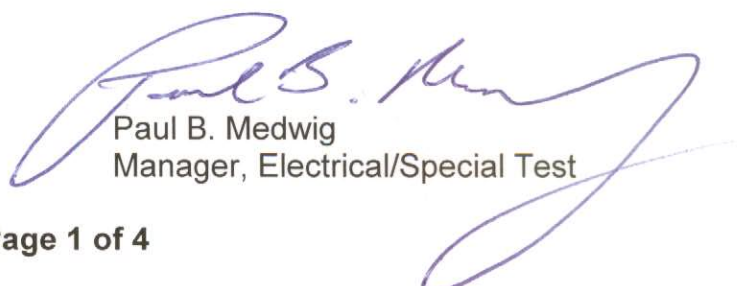
PSI has not conducted flammability testing per ANSI Z87.1-2003, Paragraph 8.6. Conformance of the product to the standard is contingent upon documentation of the compliance of resins to ASTM D635-97.

The results contained in this report are related only to the item(s) tested. The pages of this report (including attachments) shall not be reproduced, except in full, without written approval of PSI. All testing was conducted by and under the continuous, direct supervision of Professional Service Industries, Inc.

Final Conclusion: The Espomega SA de CV Model DERMA CARE/AL-220 KRATOS Does Comply with the ANSI Z87.1 specification.

Respectfully submitted,
Professional Service Industries, Inc.


Joseph H. Zarnich
Lab Technician, Electrical


Paul B. Medwig
Manager, Electrical/Special Test



Report To: Espomega SA de CV
Project No. 823-46012
Laboratory No. ELC-40121

Sample ID: Model DERMA CARE/AL-220 KRATOS
Report Date: April 8, 2004
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REPORT OF GOGGLE TESTING

Test/Property	ANSI Z87.1 Paragraph	Location	ANSI Z87.1 Requirement	Test Results	Acceptance
High velocity impact	8.3.1.2	LEFT: 15° nasal	No orbital contact or hazardous ejections	Acceptable	Pass
		0°		Acceptable	
		15° temporal		Acceptable	
		30°		Acceptable	
		45°		Acceptable	
		60°		Acceptable	
		75°		Acceptable	
		90°		Acceptable	
		90° 10 mm high		Acceptable	
		90° 10 mm low		Acceptable	
		RIGHT: 15° nasal		Acceptable	
		0°		Acceptable	
		15° temporal		Acceptable	
		30°		Acceptable	
		45°		Acceptable	
		60°		Acceptable	
		75°		Acceptable	
		90°		Acceptable	
		90° 10 mm high		Acceptable	
		90° 10 mm low		Acceptable	



Report To: Espomega SA de CV
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REPORT OF GOGGLE TESTING

Test/Property	ANSI Z87.1 Paragraph	Location	ANSI Z87.1 Requirement	Test Results	Acceptance
High mass impact	8.3.1.1	Left 1	No hazardous ejections	Acceptable	Pass
		Left 2		Acceptable	
		Right 1		Acceptable	
		Right 2		Acceptable	
Drop ball impact	8.2.2.1		No fracture	Acceptable	Pass
Lens thickness	8.2.2.2		1.27 mm	1.70 mm	Pass
Penetration	8.3.1.3		No fracture, no penetration	Acceptable	Pass
Prismatic power	8.4.2		$\frac{1}{4}$ Δ max	0.07 Δ	Pass
Vertical prism imbalance	8.4.2		$\frac{1}{8}$ Δ max	0 Δ	Pass
Horizontal prism imbalance	8.4.2		$\frac{1}{8}$ Δ max base in, $\frac{1}{2}$ Δ max base out	0.10 Δ Base in	Pass
Refractive power	8.4.3		$\pm \frac{1}{16}$ d. max	+0.01 d.	Pass
Astigmatism	8.4.3		$\frac{1}{16}$ d. max	0 d.	Pass
Resolving Power	8.4.4		Pattern 20 min	Pattern 20	Pass
Haze	8.4.5		3% max	0.37 %	Pass



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REPORT OF GOGGLE TESTING

Test/Property	ANSI Z87.1 Paragraph	Location	ANSI Z87.1 Requirement	Test Results	Acceptance
Transmittance	8.5.2				
Visible		Left		93 %	
		Right		95 %	
		L/R ratio	0.90-1.10	1.02	Pass
Flammability	8.6			*	*
Corrosion resistance	8.7		Function not impaired	Acceptable	Pass
Cleanability	8.8		Function not impaired	Acceptable	Pass
Ventilation	8.9.1	Body	1.5 mm sphere excluded		Pass
Marking	8.12	Lens	Manufacturer, shade, and compliance	Acceptable	Pass
		Body	Manufacturer and specification compliance	Acceptable	Pass

* Acceptance is contingent upon receipt of certificate of compliance to ASTM D635-97 from the resin manufacturer.