



CERTOTTICA

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Rep. No. 142914

TEST REPORT

Client:	BOLLE' PROTECTION
Address:	95 rue Louis Guérin - 69 100 VILLEURBANNE FRANCE
Article:	Spectacles
Model:	COMBAT - Smoke oculars
Job no.:	C140884
Report no.:	142914
Receiving Date:	22/07/2014
Date of Test Begin:	28/07/2014
Date of Test End:	07/08/2014
Issuing Date:	07/08/2014
Standard Applied:	EN 166:2001 - Personal eye-protection - Specifications

Note 1: This test report is valid only for the tested samples and any changes can be made only with the issuance of a new test report.

Note 2: The partial reproduction of this test report is forbidden without written permission of Certottica.

Note 3: The tests were performed on samples sent by client.

Note 4: This test report is an official document digitally signed according to the current Italian law.

Note 5: The declared uncertainty of the measure is expressed double the spread (which corresponds, in the case of a normal distribution, to a confidence level of about the 95%).

Optical Tests

Resistance to surface damage by fine particles

Clause 7.3.1

Requirements

Note: This is not a resistance to abrasion test.

The ocular is fixed onto a revolving plate. Whilst the plate is rotated, 3 Kg of grain size quartz sand with between 500 and 710 μm is tickled onto the sample.

The test of the light diffusion is performed after the abrasion according to the basic method. The Reduced Luminance Factor, ℓ^* , of the sample must be less than $5 \text{ cd m}^{-2} \text{ lx}^{-1}$.

Outcomes

The measurement values of ℓ^* and the results of their related tests are:

Sample	ℓ^* ($\text{cd m}^{-2} \text{ lx}^{-1}$)	Test
142914 41sx	2.86	Pass
142914 42dx	2.09	Pass
142914 43sx	3.82	Pass
142914 44dx	2.28	Pass

Mechanical Tests

Resistance to fogging of oculars

Clause 7.3.2

Requirements

Note: This test does not assess resistance to fogging of the complete of the complete eye-protector.

The oculars shall remain free from fogging for a minimum of 8 s when tested according to clause 16 of EN 168:2001.

Outcomes

The tested samples have given the following results:

Sample	Time (s)	Test
142914 37sx	23	Pass
142914 38dx	21	Pass
142914 39sx	25	Pass
142914 40dx	28	Pass



Figure 1: Specimen picture.

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