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Your reference : MG-10 Clear
Our reference : 12060.1
Date of issue : 6 March 2012

Date tested: 23 February 2012

Mr Dean Bennell
Blueye Eyewear
4/25 Tramore Place
Killarney Heights NSW 2087

EVALUATION TESTS TO BS EN 166:2002
Personal eye-protection – Specifications

Basic Requirements Only

Submitted for test by : Blueye Eyewear
Supplier : Blueye Eyewear
Manufacturer : Not supplied
Identifier : 12060-1-(1-18)

DESCRIPTION OF SAMPLE

	Material	Colour(s)
Frame front	Flexible plastic	Matte black frame with black closed cell foam lining on the inside rim. There are open panels at the top and bottom of the frame. The panels are covered by black open-cell foam.
Hinges	Plastic	Matte black
Strap	Elastomeric	Black

	Material	Colour(s)	Tint	Type	Coating
Filters / Oculars	Plastic one piece	Clear	Uniform	Non-polarising	Unknown

Markings	Frame front	Top	(logo)	Bottom	(datestamp)
	Filters / Oculars	None			
Hinges	None				
Strap	None				

Packaging	None
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Section 6 DESIGN AND MANUFACTURING REQUIREMENTS

6.1	General Construction	Pass
6.2	Materials	Pass
6.3	Headbands (where applicable must be greater than 10mm)	Pass

Section 7 BASIC, PARTICULAR AND OPTIONAL REQUIREMENTS

7.1 Basic requirements

7.1.1	Field of view	Pass
7.1.2.1	Spherical, astigmatic and prismatic powers	Pass
7.1.2.2	Transmittance	
7.1.2.2.1	Oculars without filtering action	Pass
7.1.2.2.2	Oculars with filtering action	N/A
7.1.2.2.3	Variations in transmittance	N/A
7.1.2.3	Diffusion of light	Pass
7.1.3	Quality of material and surface	Pass
7.1.4	Robustness	
7.1.4.1	Minimum robustness	Pass
7.1.4.2	Increased robustness	Pass
7.1.5	Resistance to aging	
7.1.5.1	Stability at an elevated temperature	Pass
7.1.5.2	Resistance to ultraviolet radiation	Pass
7.1.6	Resistance to corrosion	N/A
7.1.7	Resistance to ignition	Pass
7.2	Particular requirements	
7.2.1	Protection against optical radiation	N/A
7.2.2	Protection against high speed particles	N/A
7.2.3	Protection against molten metals and hot solids	N/A
7.2.4	Protection against droplets and splashes of liquids	N/A
7.2.5	Protection against large dust particles	N/A
7.2.6	Protection against gases and fine dust particles	N/A
7.2.7	Protection against short circuit electric arc	N/A
7.2.8	Lateral protection	Pass

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7.3	Optional requirements	
7.3.1	Resistance to surface damage by fine particles	N/A
7.3.2	Resistance to fogging of oculars	N/A
7.3.3	Oculars with enhanced reflectance in the infrared	N/A
7.3.4	Protection against high speed particles at extremes of temperature	N/A

Section 9 MARKING

9.1	General	Not present
9.2	Ocular marking	
9.2.1	Scale number	Not present
9.2.2	Identification of the manufacturer	Not present
9.2.3	Optical class	Not present
9.2.4	Mechanical strength	Not present
9.2.5	Resistance to short circuit electric arc	
9.2.6	Non-adherence of molten metal and resistance to penetration of hot solids	Not present
9.2.7	Resistance to surface damage by fine particles	Not present
9.2.8	Resistance to fogging of oculars	Not present
9.2.9	Original/replacement oculars	Not present
9.2.10	Resistance to high speed particles at extremes of temperature	Not present
9.2.11	Marking of laminated oculars	Not present
9.3	Frame marking	
9.3.1	Identification of the manufacturer	Not present
9.3.2	The number of this standard	Not present
9.3.3	Field of use	Not present
9.3.4	Increased robustness and resistance to high speed particles	Not present
9.3.5	Resistance to high speed particles at extremes of temperatures	Not present
9.3.6	Frames designed to fit a small head	Not present
9.3.7	Highest ocular scale number	Not present
9.3.8	Examples of frame marking	Not present

Section 10	INFORMATION SUPPLIED BY THE MANUFACTURER	Not present
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These eye-protectors DO meet the above requirements of BS EN 166:2002 .

These eye-protectors need to be marked as follows:

Optical Class: Class 1,2 or 3 could be claimed

Mechanical strength "S" may be etched to indicate enhanced robustness

In addition the frame and oculars must be marked with the manufacturers ID and this standard number.



Brian Cheng
Authorise Signatory



Thao Ngo
Authorise Signatory

Notes: The uncertainties stated in this report have been calculated in accordance with principles in the ISO Guide to the Expression of Uncertainty in measurement, and give intervals estimated to have a level of confidence of 95%. A coverage factor (k) of 2.0 was used.

The following least uncertainties for the measurements reported have been taken into account when assessing compliance:

Luminous transmittance	±0.1%	Q factors	±0.01
Refractive power	±0.005D	Prismatic power	±0.03D
Scattered light	±0.1%	UV transmittance uncertainties comply with EN 168	

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ACCREDITATION NO. 1923

This document is issued in accordance with NATA's accreditation requirements.
The results of tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Accredited for compliance with ISO/IEC 17025.

Report Number 12060.1

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Checked by 