



EC Type-Examination Certificate

No. CE 589267

The certificate is granted to:

**Pangolin Safety Products Pvt. Ltd.
318/10-22
Soi Sukhumvit 22 (Sainamthip)
Sukhumvit Road, Klongtoey
Bangkok
10110
Thailand**

In respect of:

**Personal Eye-Protection to EN 166:2001
Various models, see continuation sheet for details**

On the basis of our examination, under the requirements of Council Directive 89/686/EEC "Personal Protective Equipment" Article 10, EC Type-Examination.

For and on behalf of BSI:

Gary Fenton, Global Assurance Director

First Issued: **23/07/2012**

Latest Issue: **23/07/2012**



EC Type-Examination Certificate

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Product Specification (Safety Spectacles)

MODEL: GLSS0080

Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use: FT Low impact energy at extreme temperatures
Technical specification: EN 175:1997 (when fitted with EN 169 scale 3 or 5 filter lenses)
EN 175 categorisation: Protection against high speed particles

MODEL: GLSS0088

Alternative names: **GLSS0089; GLSS0090**
Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use:
FT Low impact energy at extreme temperatures
N Resistance to fogging
Technical specification: EN 175:1997 (when fitted with EN 169 scale 3 or 5 filter lenses)
EN 175 categorisation: Protection against high speed particles

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Product Specification (continued)

MODEL: GLSS0098

Alternative names: **GLSS0099; GLSS0100**
Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use: FT Low impact energy at extreme temperatures

MODEL: GLSS0101

Alternative names: **GLSS0102, GLSS0103**
Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use: FT Low impact energy at extreme temperatures

MODEL: GLSS0104

Alternative names: **GLSS0105**
Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use: FT Low impact energy at extreme temperatures

MODEL: GLSS0106

Alternative names: **GLSS0107**
Product description: Safety spectacle
Technical specification: EN 166:2001
EN 166 categorisation: Optical Class: 1
Field of use: FT Low impact energy at extreme temperatures

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Product Specification (continued)

Protection against optical radiation.

Each model of Safety Spectacles can also be supplied in one the following scales:

Standard	Scale
EN 169:1992 (Welding filters)	1,7 3 5
EN 170:1992 Ultraviolet filter (Colour recognition may be affected)	2-1,2 (Clear lens) 2-1,2 (Yellow lens) 2-1,4 (Green lens) 2-1,4 (Blue lens)
EN 170 :1992 Ultraviolet filter (Good colour recognition)	3-1,2 (Clear lens) 3-1,7 (Green lens)
EN 171:1992 Filter shade (Infrared filter)	4-1,7 4-5
EN 172:1994 filter shade (Sunglare filter without infrared specification)	5-2 (Smoked lens) 5-2,5 (Smoked lens) 5-3,1 (Smoked lens) 5-3,1 (Blue mirror lens) 5-4,1 (Red lens) 5-1,7 (indoor-outdoor lens)

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Product Specification (continued)

EN 169:2002 (Welding filters)	3 5 5C (with enhanced colour recognition option)
EN 170:2002 Ultraviolet filter	2-1,2 (Clear lens) 2C-1,2 (Clear lens) (with enhanced colour recognition option) 2-1,2 (Yellow lens) 2C-1,2 (Yellow lens) (with enhanced colour recognition option) 2-1,4 (Green lens) 2-1,7 (Blue lens) 2C-1,7 (Blue lens) (with enhanced colour recognition option) 2-1,7(Green) 2C-1,7(Green) (with enhanced colour recognition option) 2-1,4 (Orange lens)
EN 171:2002 Filter shade (Infrared filter)	4-5 4C-5 (with enhanced colour recognition option) [®]

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Product Specification - Goggles

MODEL: GLSS0081

Product description: Lightweight soft PVC frame with internal lateral vents for wearer comfort
Toughened polycarbonate lens, which offers protection against flying particles.

Technical specifications: EN 166:2001

EN 166 categorisation: Optical Class: 1

Field of use:

- 4 Large dust particles
- 9 Molten metals and hot solids
- BT Medium impact energy at extreme temperatures

MODEL: GLSS0082

Product description: Goggle with polycarbonate lens, polyvinyl chloride frame and elastic strap. Fitted with four ventilation caps.

Technical specifications: EN 166:2001

EN 166 categorisation: Optical Class: 1

Field of use:

- 3 Liquids
- 4 Large dust particles
- 9 Molten metals and hot solids
- N Resistance to fogging
- BT Medium impact energy at extreme temperatures

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Product Specification - Goggles (continued)

MODEL: GLSS0108

Product description: Goggle with polycarbonate lens, polyvinyl chloride (PVC) frame/side shields and 60% textured polyester and 40% rubber elastic strap and ventilation.

Technical specifications: EN 166:2001

EN 166 categorisation: Optical Class: 1

Field of use:

- 3 Liquids
- 4 Large dust particles
- 9 Molten metals and hot solids
- BT Medium impact energy at extreme temperatures

MODEL: GLSS0109

Product description: Goggle with polycarbonate lens, PVC frame/side shields and 60% textured polyester and 40% rubber elastic strap and ventilation.

Technical specifications: EN 166:2001

EN 166 categorisation: Optical Class: 1

Field of use:

- 3 Liquids
- 4 Large dust particles
- BT Medium impact energy at extreme temperatures

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Certificate Administration Details

Products initially approved under Certificates CE71329 and CE68016

<u>Issue Date</u>	<u>Comments</u>	<u>BSI Report Number</u>
July 2012	First issue	0086:12:7865367

Note: The Certificate holder is responsible for keeping the Notified Body advised of changes to any aspect of the overall process used in the manufacture of the product.

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