

EU Type Examination Certificate

This is to certify that:

Holds Certificate Number: CE 692743

In respect of:

Safety Eyewear to EN 166:2001
Various models of safety face shields

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Denelise L'Ecluse, Managing Director Assurance - Continental Europe

First Issued: 2018-06-06

Latest Issue: 2023-03-31

Effective Date: 2023-03-31

Expiry Date: 2028-06-05

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EU Type Examination Certificate

No. CE 692743

Product Specification - Face shields

Model:	Cylinder visor with Cap Frame 1
Product description:	Helmet cylinder visor made from polycarbonate with cap frame fitted with rubber a cord for use with models HM1 and HM2 industrial helmets.
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 1 Field of use: 3 Protection against droplets and splashes of liquids 9 Molten metals and hot solids BT Medium impact energy at extreme temperatures Filtered shades EN 169 Welding filters 3 (Green) 5 (Green) EN 170 Ultraviolet filters 2-1,2, or 2C-1,2 (Clear) 2-1,7 or 2C-1,7 (Green) EN 171 Infrared filters 4-3 (Green) 4-5 (Green)

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Product Specification - Face shields (continued)

Model: Cylinder visor with Cap Frame 2

Product description: Helmet cylinder visor made from polycarbonate with cap frame fitted with a clip for slotting into models HM1 and HM2 industrial helmets.

Technical specification: EN 166:2002

EN 166 categorisation: Optical Class: 1

Field of use:

3 Protection against droplets and splashes of liquids

9 Molten metals and hot solids

BT Medium impact energy at extreme temperatures

Filtered shades

EN 169 Welding filters

3 (Green)

5 (Green)

EN 170 Ultraviolet filters

2-1,2, or 2C-1,2 (Clear)

2-1,7 or 2C-1,7 (Green)

EN 171 Infrared filters

4-3 (Green)

4-5 (Green)

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Product Specification - Face shields (continued)

Model:	Spherical visor with Cap Frame 1
Product description:	Helmet spherical visor made from polycarbonate with cap frame fitted with rubber a cord for use with models HM1 and HM2 industrial helmets
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 1 Field of use: 3 Protection against droplets and splashes of liquids 9 Molten metals and hot solids BT Medium impact energy at extreme temperatures Filtered shades EN 169 Welding filters 3 (Green) 5 (Green) EN 170 Ultraviolet filters 2-1,2, or 2C-1,2 (Clear) 2-1,7 or 2C-1,7 (Green) EN 171 Infrared filters 4-3 (Green) 4-5 (Green) EN 172 Sunglare filters 5-3,1 (Smoke)

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Product Specification - Face shields (continued)

Model: Spherical visor with Cap Frame 2

Product description: Helmet spherical visor made from polycarbonate with cap frame fitted with a clip for slotting into models HM1 and HM2 industrial helmets

Technical specification: EN 166:2001

EN 166 categorisation: Optical Class: 1
Field of use:
3 Protection against droplets and splashes of liquids
9 Molten metals and hot solids
BT Medium impact energy at extreme temperatures

Filtered shades
EN 169 Welding filters
3 (Green)
5 (Green)

EN 170 Ultraviolet filters
2-1,2, or 2C-1,2 (Clear)
2-1,7 or 2C-1,7 (Green)

EN 171 Infrared filters
4-3 (Green)
4-5 (Green)

EN 172 Sunglare filters
5-3,1 (Smoke)

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Product Specification - Face shields (continued)

Model:	BG-1 with cylinder visor
Product description:	Model BG-1 Brow guard fitted with cylinder visor
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 1 Field of use: 3 Protection against droplets and splashes of liquids 9 Molten metals and hot solids BT Medium impact energy at extreme temperatures Filtered shades EN 169 Welding filters 3 (Green) 5 (Green) EN 170 Ultraviolet filters 2-1,2, or 2C-1,2 (Clear) 2-1,7 or 2C-1,7 (Green) EN 171 Infrared filters 4-3 (Green) 4-5 (Green)

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Product Specification - Face shields (continued)

Model:	BG-1 with Spherical visor
Product description:	Model BG-1 Brow guard fitted with spherical visor
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 1 Field of use: 3 Protection against droplets and splashes of liquids 8 Resistance to short circuit electric arc (incl supplementary requirements to GS-ET-29). 9 Molten metals and hot solids BT Medium impact energy at extreme temperatures Filtered shades EN 169 Welding filters 3 (Green) 5 (Green) EN 170 Ultraviolet filters 2-1,2, or 2C-1,2 (Clear) 2-1,7 or 2C-1,7 (Green) EN 171 Infrared filters 4-3 (Green) 4-5 (Green) EN 172 Sunglare filters 5-3,1 (Smoke)
Technical specification:	GS-ET 29 Supplementary requirements for the testing and certification of face shields for electrical works.
GS-ET 29 categorisation:	Optical Class: 1 Field of use: 8 Resistance to short circuit electric arc

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Product Specification - Face shields (continued)

Model: BG-1 with I-6 Visor

Product description: Model BG-1 Brow guard fitted with I-6 Visor

Technical specification: EN 166:2001

EN 166 categorisation: Optical Class: 1

Field of use:

8 Resistance to short circuit electric arc (incl supplementary requirements to GS-ET-29).

9 Molten metals and hot solids

BT Medium impact energy at extreme temperatures

Filtered shades

EN 169 Welding filters

3 (Green)

5 (Green)

EN 170 Ultraviolet filters

2-1,2 or 2C-1,2 (Clear)

EN 171 Infrared filters

4-3 (Green)

4-5 (Green)

EN 172 Sunglare filters

5-3,1 (Smoke)

Technical specification: GS-ET 29 Supplementary requirements for the testing and certification of face shields for electrical works.

GS-ET 29 Optical Class: 1

categorisation:

Field of use:

8 Resistance to short circuit electric arc

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Product Specification - Face shields (continued)

Model:	BG-2 with cylinder visor
Product description:	Model BG-2 Brow guard fitted with cylinder visor
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 1 Field of use: 3 Protection against droplets and splashes of liquids BT Medium impact energy at extreme temperatures Filtered shades EN 169 Welding filters 3 (Green) 5 (Green) EN 170 Ultraviolet filters 2-1,2, or 2C-1,2 (Clear) 2-1,7 or 2C-1,7 (Green) EN 171 Infrared filters 4-3 (Green) 4-5 (Green)

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Product Specification - Face shields (continued)

Model:	BG-2 with Spherical visor
Product description:	Model BG-2 Brow guard fitted with spherical visor
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 2 Field of use: 3 Protection against droplets and splashes of liquids BT Medium impact energy at extreme temperatures
	Filtered shades
	EN 169 Welding filters
	3 (Green)
	5 (Green)
	EN 170 Ultraviolet filters
	2-1,2, or 2C-1,2 (Clear)
	2-1,7 or 2C-1,7 (Green)
	EN 171 Infrared filters
	4-3 (Green)
	4-5 (Green)
	EN 172 Sunglare filters
	5-3,1 (Smoke)

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Product Specification - Face shields (continued)

Model:	BG-4 with I-6 visor
Product description:	Model BG-4 Brow guard fitted with I-6 visor.
Technical specification:	EN 166:2001
EN 166 categorisation:	Optical Class: 1 Field of use: 9 Molten metals and hot solids BT Medium impact energy at extreme temperatures
	Filtered shades
	EN 169 Welding filters
	3 (Green)
	5 (Green)
	EN 170 Ultraviolet filters
	2-1,2, or 2C-1,2 (Clear)
	EN 171 Infrared filters
	4-3 (Green)
	4-5 (Green)
	EN 172 Sunglare filters
	5-3,1 (Smoke)

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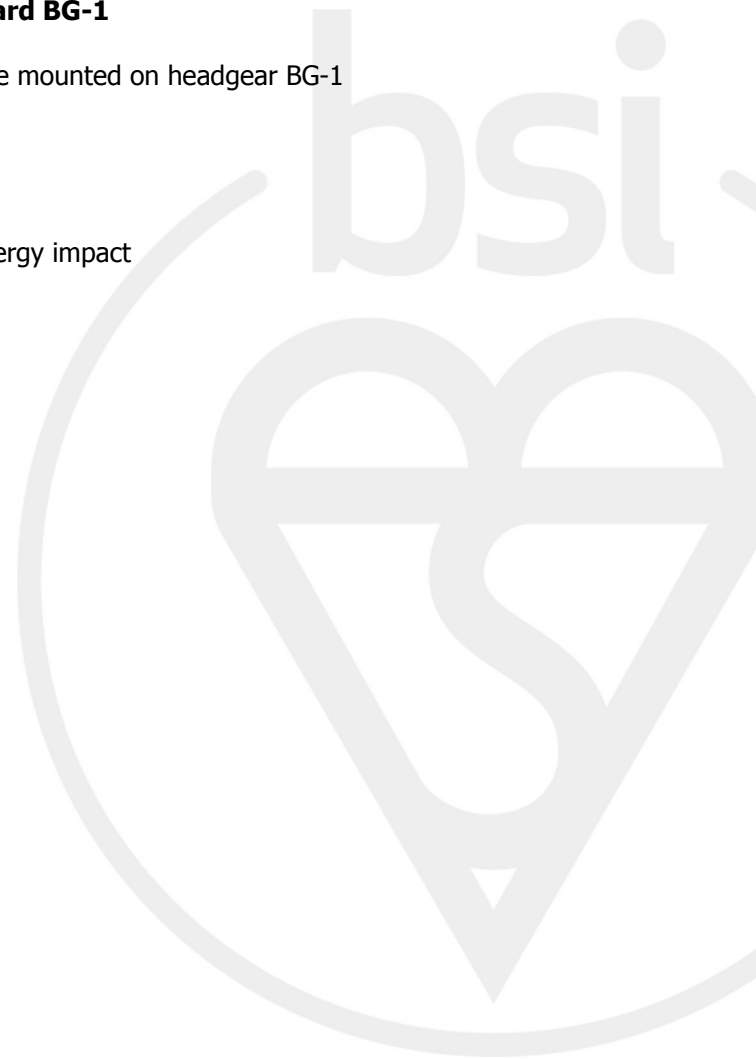
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Product Specification - Face shields (continued)

Model:	Mesh Visor M1 mounted on Browguard BG-1
Alternative names:	JV-522 mounted on Browguard BG-1
Product description:	Mesh visor made from metal wire mounted on headgear BG-1
Technical specification:	EN 1731:2006
EN 1731 categorisation:	Field of use: F High speed particles - Low energy impact



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Certificate Administration Details

Manufacturer's Technical File: TF123 and face shield Tech File

Certificate Amendment Record

Issue Date	Comments
June 2018	Transition of range to the PPE Regulation (EU) 425/2016, products approved to the PPE Directive on CE 78798
July 2020	Extension to Scope
August 2020	Administration reissue for correction to model BG-4 with I-6 visor
March 2023	Certificate Renewal

BSI Internal Project Number

0086:18:8935670

2797:20:3146598

2797:23:3848737

Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type based on Internal Production Control plus supervised product checks at random intervals, Annex VII (Module C2) as referenced on BSI issued Certificate CE 724276.

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