

EC TYPE-EXAMINATION CERTIFICATE: 2247

Product description: - Helmet or Headgear Mounted Visors

Product identification: - See Schedule

Manufacturer: - Mine Safety Appliances Company
1000 Cranberry Woods Drive
Cranberry Township
PA 16066
USA

When assessed and examined against harmonised standard EN166:2001 & EN1731:2006 are found to be in conformity with Council Directive 89/686/EEC and associated amendments, relating to personal protective equipment.

Authorised Representative: - MSA Gallet
Zone Industrielle Sud
B.P. 90
F-01 400 Chatillon-sur-Chalaronne
France

Signed:

Date: 9th June 2013

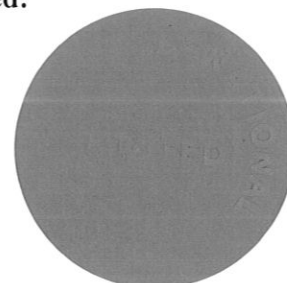
K J Warren, Manager, Certification Services

For and on behalf of INSPEC International Ltd.
56 Leslie Hough Way, Salford, Gt Manchester M6 6AJ
England (Notified Body No: 0194)

Certification remains valid until 28th August 2017, providing compliance with INSPEC's terms and conditions is maintained.

Original date of issue: 14th October 2011

For terms and conditions of issue, see page 2



CERTIFICATION SCHEDULE

Sheet Visor – Short and standard

P/N	Colour	Optical Class	Material	Filtering Standard	Scale	Options
10115836	Clear	1	Polycarbonate 1.0mm	EN170	2C-1,2	B
10115837*	Clear	1	Polycarbonate 1.0mm	EN170	2C-1,2	B
10115840	Clear	1	Polycarbonate 1.5mm	EN170	2C-1,2	B 389
10117750	Clear	1	Polycarbonate 1.0mm	EN170	2C-1,2	B
10117781*	Clear	1	Polycarbonate 1.0mm	EN170	2C-1,2	B
10117782	Clear	1	Polycarbonate 1.5mm	EN170	2C-1,2	B 389
10117783*	Clear	1	Polycarbonate 1.5mm	EN170	2C-1,2	B 389

Sheet Visor – Medium and standard

P/N	Colour	Optical Class	Material	Filtering Standard	Scale	Options
10115863	Clear	1	Polycarbonate 1.0mm	EN170	2C-1,2	B
10118094	Clear	1	Polycarbonate 1.0mm	EN170	2C-1,2	B

Visors are certified for use with the following Carriers:

10121266	Standard frame for slotted caps without debris control	EN166 389 BT / EN1731-F
10115730	Standard frame for slotted caps with debris control	EN166 389 BT / EN1731-F
10121267	Frame for elevated temperature slotted caps without debris control	EN166 389 BT / EN1731-F
10115821	Frame for elevated temperature slotted caps with debris control	EN166 389 BT / EN1731-F
10115822	Universal frame for caps	EN166 389 BT / EN1731-F
10121268	Universal frame for caps without debris control	EN166 389 BT / EN1731-F
10124426	Universal frame for elevated temperature caps without debris control	EN166 389 BT / EN1731-F
10116552	Universal frame for elevated temperature caps with debris control	EN166 389 BT / EN1731-F

Visors are certified for use with the following brow guards /headgears):

10127061	V-Gard Headgear Standard, HDPE .	EN166 389 BT / EN1731-F
10127062	V-Gard Headgear Elevated Temperature, Nylon.	EN166 389 BT / EN1731-F

The following visors cannot be used with debris control carriers:

10117750
10117781
10118094
10117782
10117783

Visors are certified for use with the following helmets (Covered by INSPEC certificate 0197)

V-Gard
V-Gard 200
V-Gard 500
V-Gard 520
Thermalgard

* For use with the following chin guards:

10115827	Standards chin guard	EN166 389 BT / EN1731-F
10115828	Retractable chin guard	EN166 389 BT / EN1731-F

CERTIFICATION SCHEDULE

Moulded Visor – short-standard

P/N	Colour	Optical Class	Material	Filtering Standard	Scale	Options
10115855	Clear	1	Propionate 2.5mm	-	-	B3
10115856*	Clear	1	Propionate 2.5mm	-	-	B3
10115859	Shade 3	1	Polycarbonate 1.8mm	EN169/171	3.0/4-3	BT39
10115860*	Shade 3	1	Polycarbonate 1.8mm	EN169/171	3.0/4-3	BT39
10115861	Shade 5	1	Polycarbonate 1.8mm	EN169/171	5.0/4-5	BT39
10115862*	Shade 5	1	Polycarbonate 1.8mm	EN169/171	5.0/4-5	BT39

Moulded Visor – medium-standard

P/N	Colour	Optical Class	Material	Filtering Standard	Scale	Options
10115844	Clear	1	Polycarbonate 2.5mm	EN170	2C-1,2	BT 389 KN
10115845	Green	1	Polycarbonate 2.5mm	EN170	2-2	BT 39 KN

Moulded Visor – medium-extended

P/N	Colour	Optical Class	Material	Filtering Standard	Scale	Options
10115846	Clear	1	Polycarbonate 2.5mm	EN170	2C-1,2	BT 389 KN
10115849	Green	1	Polycarbonate 2.5mm	EN170	2-2	BT 39 KN
10115851	Clear	1	Propionate 2.5mm	-	-	B3
10115848	Clear Gold coat	1	Polycarbonate 1.8mm	EN170	2C-2,5	BT3R
10115850	Green Gold coat	1	Polycarbonate 1.8mm	EN170	2-4	BT3R

Moulded Visor – long-standard

P/N	Colour	Optical Class	Material	Filtering Standard	Scale	Options
10115853	Clear	1	Polycarbonate 2.5mm	EN170	2C-1,2	BT 389 KN
10115854	Green	1	Polycarbonate 2.5mm	EN170	2-2	BT 39 KN

Visors are certified for use with the following Carriers:

10121266	Standard frame for slotted caps without debris control	EN166 389 BT / EN1731-F
10115730	Standard frame for slotted caps with debris control	EN166 389 BT / EN1731-F
10121267	Frame for elevated temperature slotted caps without debris control	EN166 389 BT / EN1731-F
10115821	Frame for elevated temperature slotted caps with debris control	EN166 389 BT / EN1731-F
10115822	Universal frame for caps	EN166 389 BT / EN1731-F
10121268	Universal frame for caps without debris control	EN166 389 BT / EN1731-F
10124426	Universal frame for elevated temperature caps without debris control	EN166 389 BT / EN1731-F
10116552	Universal frame for elevated temperature caps with debris control	EN166 389 BT / EN1731-F

Visors are certified for use with the following brow guards/headgears :

10127061	V-Gard Headgear Standard, HDPE .	EN166 389 BT / EN1731-F
10127062	V-Gard Headgear Elevated Temperature, Nylon.	EN166 389 BT / EN1731-F

Visors are certified for use with the following helmets (Covered by INSPEC certificate 0197)

V-Gard
V-Gard 200
V-Gard 500
V-Gard 520
Thermalgard

* For use with the following chin guards:

10115827	Standard chin guard	EN166 389 BT / EN1731-F
10115828	Retractable chin guard	EN166 389 BT / EN1731-F

CERTIFICATION SCHEDULE

Mesh Visor

P/N	Material	Options
10116556	Epoxy steel mesh with aluminium trim	F
10116557	Epoxy coated steel mesh with plastic moulded trim	F
10116558*	Epoxy coated steel mesh with plastic moulded trim	F

Visors are certified for use with the following Carriers:

10121266	Standard frame for slotted caps without debris control	EN166 389 BT / EN1731-F
10115730	Standard frame for slotted caps with debris control	EN166 389 BT / EN1731-F
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