



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014

IAC-03-001 - Z04 Rev 4

Statement of Conformity: MSA declares that the
V-Gard® PC for Heavy Duty Purpose (0.098" THK)
is in conformity with the requirements of
ANSI/ISEA Z87.1-2010

Product Code	Model / Part Numbers Covered
IAC-03-001	10115844, 10115845, 10115846, 10115849, 10115853, 10115854 These faceshields meet the requirements of ANSI/ISEA Z87.1-2010 for Impact Protectors when used with V-Gard Frames, Frame Assemblies, and Headgear: MSA Part Numbers 10154604, 10154622, 10158799, 10158800, 10158821, 10127061, 10127062, 10115730, 10115821, 10115822, 10116552, 10116627, 10116628, 10121266, 10121267, 10121268, and 10124426, as well as MSA chin protectors 10115827, 10115828, and 10149029.

ANSI/ISEA 125-2014 conformity assessment method: ☐ Level 1 ☒ Level 2

For Level 2, information about ISO 17025-accredited facility in which the product was tested:

- ☒ The test facility is an independent 3rd Party
- ☐ The test facility is owned or partially owned by an entity within supplier's corporate structure, or within the manufacturing stream for this product, including subcontractors

Report	Test Facility Used:	Test Facility Document #
1	Intertek	G100485409CRT-008
1	Intertek	G100617274CRT-004
2	Intertek	G101105154CRT-004
3	Intertek	G101753751CRT-009
4	Intertek	102116388CRT-024_10115
4	Intertek	102116388CRT-025_10115
4	Intertek	102116388CRT-026_10115
4	Intertek	102116388CRT-027_10115
4	Intertek	102116388CRT-028_10115
4	Intertek	102116388CRT-029_10115

Performance Details

Revision 4

Report	Standard and Product Requirements	Results	Pass / Fail
5.1.1 (9.1)	Optical Quality Lenses shall be free of striae, bubbles, waves, and other visible defects which would impair their optical quality	No defects	Pass
5.1.2 (9.2)	Luminous Transmission Clear lenses shall have a luminous transmission of not less than 85%	>85% for clear visors	Pass
5.1.3 (9.3)	Haze Clear plano lenses shall not exhibit more than 3% haze	<3%	Pass
5.1.4 (9.4, 9.5)	Refractive Power, Astigmatism, Resolving Power, Prism and Prism Imbalance for Plano Protectors For faceshield windows, Resolving power = Pattern 20 Prism $\leq 0.37\Delta$ Vertical Imbalance $\leq 0.37\Delta$ Base-In Imbalance $\leq 0.125\Delta$ Base-Out Imbalance $\leq 0.75\Delta$	Resolving power = Pattern 20 Prism $\leq 0.37\Delta$ Vertical Imbalance $\leq 0.37\Delta$ Base-In Imbalance $\leq 0.125\Delta$ Base-Out Imbalance $\leq 0.75\Delta$	Pass
5.2.1 (9.6)	Drop Ball Impact Resistance The protector lens shall not fracture when impacted by a steel ball. A complete device shall fail if any of the following occurs: piece fully detached from inner surface, fracture, penetration of the rear surface, or lens not retained.	No fracture, penetration, etc	Pass
5.2.3 (9.7)	Ignition Protectors shall not ignite or continue to glow once the heated rod is removed	No ignition or afterglow	Pass
6.1.3 (9.10)	Lateral (Side) Coverage Impact-rated protectors shall provide continuous lateral coverage (i.e. no openings greater than 1.5 mm in diameter) from the edge of the lens to a point not less than 10 mm posterior to the corneal plane and not less than 10 mm above or below the horizontal plane centered on the eyes of the headform.	Continuous coverage	Pass