



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

Table with 2 columns: Product Code, Model / Part Numbers Covered. Row 1: IAC-03-001, 10115844, 10115845, 10115846, 10115849, 10115853, 10115854. Text describing face shields meeting requirements for Impact Protectors.

ANSI/ISEA 125-2014 conformity assessment method: [] Level 1 [X] Level 2

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

- [X] 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

Table with 3 columns: Report, Test Facility Used:, Test Facility Document #. Rows list reports 1-4 and corresponding Intertek test facilities and document numbers.

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