1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity
In Accordance with ANSI/ISEA 125-2014
IAC-03-003 - Z04 Rev 11

Statement of Conformity: MSA declares that the V-Gard® PC Visors for Special Purpose Applications is in conformity with the requirements of ANSI/ISEA Z87.1-2020

Product Code	**Model / Part Numbers Covered**
IAC-03-003	10115848, 10115850, 10115859, 10115860, 10115861, 10115862, 10115847, 10118480, 10236001 The visor part numbers listed above meet the requirements of ANSI/ISEA Z87.1-2020 for Impact Protectors when used with applicable V-Gard Frames assembled to Skullgard Hats and Caps, SmoothDome Caps, Comfo Caps, Super-V Caps, Thermalgard Caps, Topgard Hats and Caps, Vanguard Caps, V-Gard 500 Hats and Caps, V-Gard Hats and Caps, V-Gard Green Hats and Caps,V-Gard C1 Hat and V-Gard H1 Helmet as well as V-Gard Headgear: MSA Part Numbers 10154604, 10154622, 10158799, 10158800, 10158821, 10176739, 10127061, 10127062, 10115730, 10115821, 10115822, 10116552, 10116627, 10116628, 10121266, 10121267, 10121268, 10124426, 10187161, 10190639, 10187162,10190640, 10235987, 1023692 as well as MSA chin protectors 10115827, 10115828, and 10149029 on nitrometer versions. Also with MSA Helmet-mounted Ear Muff PN's 10061272, 10061230,10061535, 10129327, 10087422, 10087429, 10087439, 10111829, 10111823, and 10111832.

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	ICS Laboratories	T15893-06-1 Issue 2
2	ICS Laboratories	T17199-01-1 Issue 1
3	ICS Laboratories	T17199-02-1 Issue 1
4	Intertek	105342377CRT-001
5	Intertek	105342377CRT-002
6	ICS Laboratories	T16606-06-1
7	Intertek	105446756CRT-004
8	Intertek	105446756CRT-005

For additional information about this product(s), please contact MSA Customer Service at 1-800-MSA-2222. When requesting information, please reference model number(s).

Brooke Conroy — Jul 20, 2023

Quality Assurance: B. Conroy — Date:

Performance Details

Revision 11

Report	Standard and Product Requirements	Results	Pass / Fail
1, 2, 3	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
1, 2, 3, 6	5.1.4 (9.4, 9.5) - Refractive Power, Astigmatism, Resolving Power, Prism and Prism Imbalance for Plano Protectors: For Faceshields, Refractive Power ± 0.06D Astigmatism ≤ 0.06D Resolving power = Pattern 20 Prism ≤ 0.37Δ Vertical Imbalance ≤ 0.37Δ Base-In Imbalance ≤ 0.125Δ Base-Out Imbalance ≤0.75Δ	Meets applicable requirements	Pass
1, 2, 3	5.2 Physical Requirements: Protectors shall be free from projections, sharp edges or other defects which are likely to cause discomfort or injury during use.	No projections, sharp edges or other defects	Pass
1, 2, 3	5.2.2 (9.7) - Ignition: Protectors shall not ignite or continue to glow once the heated rod is removed.	No ignition or afterglow	Pass
1, 2, 3, 6,7, 8	7.1.3 (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
1, 2, 3, 6,7, 8	7.1.4.2 (9.11) - High Mass Impact: The complete device shall be capable of resisting an impact from a pointed projectile. A complete device shall fail if any of the following occurs: piece fully detached from inner surface, fracture, penetration of the rear surface, lens not retained.	No fracture, penetration, etc.	Pass

1, 2, 3, 6,7, 8	7.1.4.3 (9.12) - High Velocity Impact: The complete device shall be capable of resisting impact from a 6.35 mm diameter steel ball travelling at 91.44 m/s. No contact with the eye of the headform is permitted as a result of the impact. A complete device shall fail if any of the following occurs: piece fully detached from inner surface, fracture, penetration of the rear surface, lens not retained, the unaided eye observes any piece adhering to the contact paste, or observes contact paste on the projectile or device.	No fracture, penetration, contact with the eye, etc.	Pass
1, 2, 3	7.1.4.4 (9.13) - Penetration Impact: Lenses for all complete devices shall be capable of resisting penetration by a weighted needle. A complete device shall fail if any of the following occurs: piece fully detached from inner surface, fracture, penetration of rear surface, lens not retained.	No penetration	Pass
1, 2, 3	7.2.2.1.1 (9.2) - Transmission Requirements: Filter Lenses ANSI Z87.1- 2020 Table 7 (welding) Table 8 (ultraviolet filters) Table 10 (visible light filters) Table 11 (special purpose filters)	PN10115847 -U6, (L1.7/L2), S PN10115848 -U6, L3, S PN10115850 -U6, L4, S PN10115859 -W3 PN10115862 -W5 PN10236001 - W8	Pass
1, 4, 5	7.2.2.1.2 - Visible Light Filters: Visible light filters, including photochromic and mechanical or manual adjustment types, shall meet the requirements and be marked in accordance with Table 9. Visible light filters in the range L1.3 through L3 shall also meet the transmittance requirements of Table 4 of ANSI Z80.3-2018, including traffic signal recognition and UV transmittance (high and prolonged exposure). Visible light filters in the range of L4 through L10 are too dark to be used for driving, but shall meet the UV transmittance (high and prolonged exposure) requirements of Table 4 of ANSI Z80.3-2018.	PN10115848 meets requirements of Medium to Dark filter as well as traffic signal reqognition and UV transmittance. PN10115850 meets requirements of Very Dark filter.	Pass

1, 2, 3	7.2.2.1.3 (9.2) - Variations in Luminous Transmittance: For shades 1.3 through 3.0, the ratio of the two measured transmittances, one for each lens of a removable pair, or at points directly in front of each eye for a non-removable lens, shall not be less than 0.90, nor more than 1.11 For shades 4.0 through 14 inclusive, the ratio of the two measured transmittances shall be not less than 0.80 nor more than 1.25. Variation in transmission shall be measured in the darkest state.	PN 10115859 0.90 ≤ L/R ≤ 1.11 PN10115862 0.80 ≤ L/R ≤ 1.25 PN 10236001 0.80 ≤ L/R ≤ 1.25	Pass
1, 2, 3, 6,7, 8	7.3.2 (9.17) Droplets and Splash Hazard - Faceshields When tested in accordance with Section 9.17.2, the laser beam shall not make direct contact with any point on the eye-region rectangle without first being intercepted by the faceshield.	All test angles intercepted P/N 10115848 P/N 10115859 P/N 10115862 P/N 10236001	Pass