1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

**MSA Declaration of Conformity**
In Accordance with ANSI/ISEA 125-2014
IAC-03-008 - Z04 Rev 5

**Statement of Conformity:** MSA declares that the
V-Gard® Arc Visors
is in conformity with the requirements of
ANSI/ISEA Z87.1-2015

| Product Code | **Model / Part Numbers Covered** |
|---|---|
| IAC-03-008 | 10115847, 10118480 (10115858 visor with 10115827 chin protector)<br><br>The visor part numbers listed above meet the requirements of ANSI/ISEA Z87.1-2015 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, and V-Gard Green Hats and Caps: MSA Part Numbers 10154604, 10154622, 10158799, 10158800, 10158821, 10176739, 10115730, 10115821, 10115822, 10116552, 10116627, 10116628, 10121266, 10121267, 10121268, 10124426, 10187161, 10190639, 10187162, 10190640 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 | T10450-06-1 Issue 1 |
| 2 | Intertek | 103441127CRT-005 |
| 3 | Intertek | 104372431CRT-002, 10437 |

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).

David L Backfisch 11-18-2020

Quality Assurance: David Backfisch Date: _____

# Performance Details

Revision 5

| Report | Standard and Product Requirements | Results | Pass / Fail |
|---|---|---|---|
| 1, 3 | 5.1.1 (9.1) - Optical Quality:<br>Lenses shall be free of striae, bubbles, waves, and other visible defects which would impair their optical quality. | No defects | Pass |
| 1, 3 | 5.1.4 (9.4, 9.5) - Refractive Power, Astigmatism, Resolving Power, Prism and Prism Imbalance for Plano Protectors:<br>For Spectacle,<br>Refractive Power ± 0.06D<br>Astigmatism ≤ 0.06D<br>Resolving power = Pattern 20<br>Prism ≤ 0.50Δ<br>Vertical Imbalance ≤ 0.25Δ<br>Base-In Imbalance ≤ 0.25Δ<br>Base-Out Imbalance ≤0.50Δ | Meets applicable requirements | Pass |
| 1 | 5.2 Physical Requirements:<br>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, 3 | 5.2.2 (9.7) - Ignition:<br>Protectors shall not ignite or continue to glow once the heated rod is removed. | No ignition or afterglow | Pass |
| 1 | 6.1.3 (9.10) - Lateral (Side) Coverage:<br>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 | 6.2.2 (9.11) - High Mass Impact:<br>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 | 6.2.3 (9.12) - High Velocity Impact:<br>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, 3 | 6.2.4 (9.13) - Penetration Impact:<br>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 |
| 2, 3 | 8.1.2 (9.17.2) - Droplet and Splash Hazard (Faceshields):<br>The laser beam shall not make direct contact with any point on the eye-region rectangle without first being intercepted by the faceshield. | No direct contact | Pass |
| 3 | 5.1.2 (9.2) - Luminous Transmittance:<br>When tested in accordance with Section 9.2, special purpose filters shall comply with the requirements of table 10. | 0 | Pass |
| 3 | 5.2.4 - Minimum Coverage Area:<br>The frames, lens housings or carriers and lens(es) shall cover in plane view an area of not less than 40 mm (1.57 in) in width and 33 mm (1.3 in) in height (elliptical) in front of each eye, centered on the geometrical center of the lens. | Coverage above 40 mm in width and 33 mm in height | Pass |
| 3 | 5.3 - Markings:<br>Protector markings shall be placed in relatable proximity to each other on the product in sequence specified in standard. | Marks in correct order | Pass |