

## **Re: ISO-17712:2013 Certificate of Conformance for MS-BAR20, 21, 22) Barrier Seals**

**April 01, 2020**

Re: ISO-17712:2013 Certificate of Conformance for Barrier Seals (MS-BAR20, 21, 22)

NovaVision certifies that our barrier seals are in compliance with ISO 17712:2013 as a high security seal.

Applicable product codes (stock and custom product):

- \* Barrier Seal: MS-BAR20 (without cable seal)
- \* Barrier Seal: MS-BAR21 (which is the MS-BAR20 with an ISO-rated cable seal)
- \* Barrier Seal: MS-BAR22 (which is the MS-BAR20 with an ISO-rated cable seal and a cargo door seal)

A) We have an independent lab test report to verify that our barrier seal has passed the construction and structural requirements for High Security Seals:

Lab Test Report #J0320180 -T01 issued by Metal Industries Research & Development Center

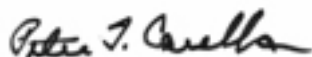
B) We certify that our MS-BAR20 barrier seal received a PASS on the structural testing on all criteria and is ISO-rated as a High Security Seal:

- B1. Tensile Test (Paragraph 5.2): High Security Rating
- B2. Sheer Test (Paragraph 5.3): High Security Rating
- B3. Bending Test (Paragraph 5.4): High Security Rating
- B4. Impact Test at Room Temperature (Paragraph 5.5): High Security Rating
- B5. Impact Test at Reduced Temperature (Paragraph 5.5): High Security Rating

C) We certify that our MS-BAR20, MS-BAR21, and MS-BAR22 are compliant with ISO 17712:2013 Clause 6 for tamper evidence. NovaVision is certified for ISO 9001 for Security Tape, Labels and Seals. Our ISO documentation includes:

- Our product designs including features to mitigate tampering
- Periodic tamper evident testing to confirm performance
- Tamper evident testing is documented and part of our ISO audit procedures

Sincerely,



Pete Carella  
Product Engineer, NovaVision