

See VIMCO's home page and online catalog at www.vimco.biz

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## <u>Product Compliance Certificate – Vibration Isolation (S-1100.93 rev. 0)</u>

This is to certify that VIMCO<sup>TM</sup> cataloged range of <u>vibration isolation products</u> meets or exceeds industry standards set for their design and manufacture.

1. Applicable standards and certifications for individual products and services are indicated in relevant submittal catalogs (S-2000.xx thru S-3100.xx) and consist of the following:

OSHPD: Special Seismic Certification Preapproval (OSP) Program ASHRAE: 2019 ASHRAE Handbook – Table 47, Chapter 56-1.9

- 2. Seismic 'G' ratings for all seismic restraint isolators are 3<sup>rd</sup> party PE certified as indicated in relevant submittal catalogs (S-3100.xx).
- 3. All helical coil compression springs used in the manufacture of VIMCO<sup>TM</sup> vibration isolation products comply with the following standards:

ASTM A125: Standard Specification – Helical Steel Springs

4. All elastomer components used in the manufacture of VIMCO<sup>TM</sup> vibration isolation products comply with the following standards:

ASTM D2240: Standard Test Method – Rubber Property-Durometer Hardness
ASTM D1415: Standard Test Method – Rubber Property-International Hardness
ASTM D395: Standard Test Method – Rubber Property-Compression Set
ASTM D471: Standard Test Method – Rubber Property-Effect of Liquids
ASTM D575: Standard Test Method – Rubber Properties in Compression
ASTM D1349: Standard Practice – Rubber-Standard Conditions for Testing

5. All carbon steel used in the manufacture of VIMCO<sup>TM</sup> vibration isolation products is mill certified and engineered for cold forming, which enhances structural integrity of the fabricated component. Steel raw material complies with the following standards:

ASTM A1008: Standard Specification – Cold Rolled Steel
ASTM A1011: Standard Specification – Hot Rolled Steel

ASTM A653: Standard Specification – Hot-Dip Zinc Coated Steel Sheet

ASTM A227, A228: Standard Specification – Steel Wire

6. Where a galvanic corrosion proof coating is factory applied, the followings standards are adhered to:

ASTM A123: Standard Specification – Zinc (Hot-Dip Galvanized) Coatings on Iron or Steel

**Products** 

ASTM B633: Standard Specification – Electrodeposited Coatings of Zinc on Iron and Steel.

7. Where a electrostatic powder based corrosion proof coating is factory applied, the following standards are adhered to:

ASTM D4138: Standard Practices – Measurement of Dry Film Thickness of Protective

Coating Systems by Destructive, Cross-Sectioning Means