VIMCO

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

Tel: +1-713-983-8462 (VIMCO)
Fax: +1-713-983-9933
E-mail: sales@vimco.biz

Vibration Management Corporation
5930 Thomas Road
Houston, Texas 77041

Product & Service Compliance Certificate – Seismic Restraints + Seismic Engineering (S-1100.94 rev. 0)

This is to certify that VIMCO™ cataloged range of **seismic restraints** meets or exceeds industry standards set for their design and manufacture, and that **seismic engineering** is performed to the most conservative standard specified by engineer of record.

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

ANSI/MSS SP-127:	Bracing for Piping Systems: Seismic, Wind, Dynamic – Design, Selection, Application
OSHPD:	Special Seismic Certification Preapproval (OSP) Program
MIL-W-1511-A:	Military Specification Wire Rope, Steel (Carbon) Flexible, Preformed
ASTM A1023:	Standard specification – Stranded Carbon Steel Wire Ropes
RR-W-410G:	Federal Specification, Wire Rope and Strand
ASCE 7:	Minimum Design Loads for Buildings and Other Structures
IBC:	IBC 2018 Section 1613 - Structural Design, Earthquake Loads

2. Seismic 'G' ratings for all seismic restraint products are 3rd party PE certified as indicated in relevant submittal catalogs (S-3100.xx).

3. All elastomer components used in the manufacture of VIMCO™ seismic retraint 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

4. All carbon steel used in the manufacture of VIMCO™ seismic restraint 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

5. 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.

6. 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