



**HOWMET FASTENING SYSTEMS  
SUPPLIER GENERAL QUALITY REQUIREMENTS  
(JAN 2020)**

HFS Simi Valley General Quality requirements apply to all lots, line items and resale purchases made by Howmet Fastening Systems Simi Valley.

**1. Certificate of Conformance (COC):** The supplier shall provide certification with a legible and controlled signature, by an individual responsible for product quality, attesting to the product's conformance to applicable drawings, specifications, and purchase order requirements. If the supplier is not the original manufacturer of the finished product, as a minimum, certifications of conformance for all suppliers within the chain, as well as the manufacturer, shall also be provided.

**2. Identification & Traceability:** As applicable, any and all lot, batch or control numbers shall be included on all certifications. The quantities for each such lot or batch shall be listed on the certifications as well. All lots / batches shall be identified by part, lot or batch number, and quantity.

**3. Handling, Preservation and Packaging:** All products shall be appropriately packaged to ensure compliance with applicable specifications, and to prevent damage or deterioration. All lots / batches shall be individually packaged and identified by part, lot or batch number, and quantity.

**4. Origin of Manufacturer:** If the supplier is not the manufacturer of the finished product, the manufacturer shall be identified on the Certificate of Conformance (COC), either by name or other effective method, such as proprietary part number. If product has been manufactured outside of the United States, the country of origin shall be identified on the supplier's Certificate of Conformance (COC).

**5. Right to Access:** AFS Simi Valley, Regulatory Authorities, US Govt, our customers and their customers through the supply chain reserve the right of access to verify at our subcontractors premises or their subcontractor's premises that subcontracted resale product conforms to specified requirements. If conditions warrant, AFS, its suppliers and their suppliers shall make available for operation of required inspection, measuring or test equipment and for verification of their accuracy and condition.

**6. Change Notification:** Suppliers are required to notify AFS of any changes made to any processes at any stage of production and/or distribution that may affect quality, the Quality Management System (QMS), including changes of address/location, ownership, company name, Quality Manager, or QMS approvals.

**7. Revision Levels:** All furnished material must be manufactured to and/or meet the current revision level of the applicable part standard and its associated specifications at the time the purchase order was issued, unless otherwise specified on the purchase order.



**8. Record Retention:** Product inspection records, test reports and other supporting documentation attesting to compliance to the AFS purchase order must be retained for a minimum of 10 years from date of shipment unless otherwise specified on the PO.

**9. Shelf Life (Age) Control:** Products supplied are subject to Shelf-life control. The manufacturing cure date and expiration date shall be specified on the Cert of Conformance. Shelf Life controlled items shall have no less than 90% of the remaining shelf life at time of receipt unless otherwise specified on the AFS Simi Valley PO.

**10. Mercury Free:** The supplier is responsible to ensure that the products supplied did not come into contact with mercury or mercury compounds during manufacturing or subsequent processing.

**11. Quality Management System:** Suppliers should implement a Quality Management System that meets industry standards. AS/EN 9100, AS/EN 9120, ISO 9001 or ISO 17025 for Calibration. Suppliers are recommended to attain accreditation through 3rd party registration.

**12. Calibration:** Tools and equipment used in the final acceptance of manufactured product shall be calibrated in accordance with ANSI Z540-1 or ISO 10012-1. Standards must be traceable to National Industry of Standards and Technology (NIST).

**13. Foreign Object Debris (FOD):** Seller shall establish and maintain a process to control and eliminate Foreign Object Debris (damage and contamination). Product to be clean and free from any material/debris, such as: machine chips, burrs, grinding dust, forming materials, loose heat treat scale, corrosion, oils, and other foreign object materials (FOD) that may impede its intended use.

**14. Counterfeit Parts Prevention / Avoidance:** Supplier shall establish and maintain a process to mitigate the introduction of Counterfeit part into the supply chain. Counterfeit Parts Prevention/Avoidance Program using Industry Standard AS6174 (Counterfeit Material; Assuring Acquisition of Authentic and Conforming Material) and AS5553 (Counterfeit Electronic Parts; Avoidance, Detection, Mitigation and Disposition) should be used as guidelines to mitigate risk of receiving and providing counterfeit parts.

**15. Nonconforming Product Notification:** No known nonconformance shall be shipped to AFS Simi Valley without written authorization from AFS Simi Valley Quality in advance of shipment. If nonconforming product is identified by the supplier after shipment to AFS Simi Valley, the supplier shall promptly notify AFS within 24 hours of discovery.

**16. Ozone Depleting Substances:** The use of any ozone depleting substances during the manufacturer or processing is strictly prohibited.

**17. Supplier Awareness:** The Supplier shall ensure that all employees and external providers supporting the Vendor are aware of: (a) Their contribution to product or service conformity; (b) Their contribution to product safety; and the importance of ethical behavior.