



PURCHASE ORDER QUALITY CLAUSES

I. These requirements apply to all suppliers:

- Q1. Flow Down Requirements** - All requirements specified in Vulcan Metal Group's Purchase Order Clauses and the applicable product-specific clauses shall be flowed to sub-tier suppliers.
- Q2. Right of Entry** – Vulcan Metal Group, Vulcan Metal Group's customers and their customers or any applicable regulatory agency shall have right of access to all facilities involved in the order at any level of the supply chain and to all applicable records.
- Q3. Quality System** - The supplier shall maintain a quality system meeting the requirements of the ISO 9001 family of standards unless otherwise agreed to by Vulcan Metal Group. This includes ensuring that all persons processing the purchase order are aware of their responsibilities for maintaining product quality, safety, and ethical behavior. The supplier shall control sub-tier procurements to the extent necessary to ensure conformance to the quality requirements of the purchase order.
- Q4. Notification of Nonconforming Product** – The supplier shall immediately notify Vulcan Metal Group when it is suspected or known that nonconforming material (**including suspect counterfeit materials**) has been produced or delivered. The notification must include a clear description of the actual or suspected nonconformance. Approval of disposition is required.
- Q5. Notification of Inability to Ship** – The supplier shall notify Vulcan Metal Group as soon as it has been determined that supplier is not able to ship as specified.
- Q6. Changes in Product, Processes, Suppliers, Manufacturing Location** – The supplier shall notify Vulcan Metal Group of any changes in product or process definition, suppliers, or location of the manufacturing facility and obtain Vulcan Metal Group's approval.
- Q7. Use of Customer Approved Special Process Sources** – The supplier shall use and direct sub-tier suppliers to use Vulcan Metal Group or Vulcan Metal Group's customer's designated suppliers as instructed on Vulcan Metal Group's purchase order.
- Q8. Packaging & Preservation** – The supplier shall ensure that packaging and preservation is adequate to prevent damage or deterioration during shipment.
- Q9. Records** – Supplier shall retain and maintain quality records pertaining to the purchase from deterioration for a minimum of seven years unless otherwise specified by purchase order.
- Q10. Hazardous Material** – The supplier shall furnish applicable Material Safety Data Sheets for products designated by industry, state, or federal agencies as hazardous materials.
- Q11. Release of Information** – Except as required by law, no public release of any information, confirmation or denial of the subject matter of this purchase order shall be made without prior written authorization by Vulcan Metal Group. Access to the information contained in this order shall be provided only to employees or suppliers "with the need to know" (for the performance of this order) and who are under obligation to hold such information in confidence.
- Q12. FOD Prevention** – The supplier shall maintain a Foreign Object Debris (FOD) prevention program appropriate to the sensitivity to the products on order and in compliance with AS 9146, *Foreign Object Damage, Foreign Object Debris Prevention*.



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II. Additional product-specific requirements.

- Q13. OEM/OCM's Certificates of Analysis** - Mill or product certificates denoting chemical and physical properties shall accompany each lot/shipment. Certificates showing chain of custody from Vulcan Metal Group's purchase order to OEM/OCM are required.
- Q14. Domestic Specialty Metals** – Raw materials shall not be procured from foreign agencies or produced in non-domestic mills unless previously approved by Vulcan Metal Group. Specialty metals identified in DFARS Clause 252.225-7014 which have been melted outside the United States, its possessions, or Puerto Rico are prohibited and must be approved by Vulcan Metal Group prior to shipment. If approval is granted, an independent laboratory analysis may be required.
- Q15. Certificate of Conformance** – The supplier shall submit 1 copy of the supplier's Certificate of Conformance with each shipment.
- Q16. Required Test Specimens** – The supplier shall provide test coupons or specimens as requested by Vulcan Metal Group's purchase order.
- Q17. Required Test, Inspections, & Related Instructions** – The supplier shall perform or obtain tests and/or inspections and provide the resulting data to Vulcan Metal Group prior to shipment or with shipment of the product, as instructed on Vulcan Metal Group's purchase order.
- Q18. Inspections** - A dimensional inspection report is required.
- Q19. First Article Inspections**- First article inspections must conform to AS 9102.
- Q20. Calibration Services** - Calibration certificate traceable to NIST.
- Q21. Export Compliance** – Supplier shall maintain procedures to prevent the disclosure of technical data and products in this purchase order in written, oral or visual form to any foreign national without prior export authorization from the *U.S. Department of State (Reference 22CFR Part 120-130 International Traffic in Arms Regulations (ITAR) and 15CFR Part 730-744 Export Administration Regulations (EAR))*.
- Q22. RoHS Compliance** – Statement of RoHS compliance is required with shipment. RoHS compliance is based on the European Union's Directive 2002/95/EC, the Restriction of the Use of certain hazardous substances in electrical and electronic equipment (RoHS).
- Q23. Conflict Minerals Compliance** – Statement of compliance with Dodd-Frank regulations is required. Compliance requires preventing/prohibiting the use of specified conflict minerals (i.e., gold, tantalum, tungsten and tin sourced from ores mined in the conflict areas of the Democratic Republic of Congo and its nine adjoining countries).