**PURCHASE ORDER QUALITY CLAUSES**

Following quality clauses apply to

suppliers based on the scope of the services they perform.

1               **Right of Access:** UM&SM end item customer, and regulatory agencies shall be allowed the right of access throughout the supply chain to evaluate and /or verify the quality of work, including the physical plant. The material and/or process records created by the Supplier shall also be available for review.

2               **Supplier Quality System:** Suppliers shall have a quality and calibration system meeting or exceeding our “Supplier Selection, Evaluation and Re-Evaluation” process.
A “Self Audit Supplier Survey” form completed by supplier is used for the evaluation process, and is maintained on file at UM&SM.  UM&SM reserves the right to add and/or remove suppliers from the approved list.

3               **Customer Flow Down:** Refer to Purchase Order and /or Contract for the additional specific requirements of end item customer.

4               **Material Suppliers:** Please refer to the specific purchase order for each specific raw material procurement requirement. Domestic material is required unless express written consent is given by UM&SM

5               **Materials Receiving Inspection:** Seller shall certify that receiving inspection was performed on purchased materials to ensure compliance with all drawings and/or specifications. Test reports and/or raw material certifications must remain as Quality Records on file and available for review upon request.

6               **Approved Processing Sources:** Suppliers shall use only end item customer approved processing sources

7               **Document Control:** UM&SM will provide suppliers with the required documents for the scope of work. Supplier is responsible to buy/maintain industry standards/specifications such as AMS, ASTM, and ISO standards.  Unless otherwise specifically stated in the Purchase Order, it is the responsibility of the Supplier to ensure that they continue to work to the latest revision levels. The Supplier shall protect proprietary information and require sub-tier suppliers to do the same.

8               **Manufacturing Routings:** Seller shall certify that shop travelers/job orders reflect work requirements including non-destructive inspection, acceptance shown by suppliers’ quality assurance signature or stamp, and records are on file for review upon request.

9               **Key Characteristics:** When specified on the purchase order seller shall inspect and document all key characteristics referenced on purchase order or prints. The supplier shall provide results upon request from UM&SM or end item customer.

10            **DPD:** When specified on the purchase order seller will ensure configuration control to the Digital Product Definition requirements of end item customer.

11            **Evidence of Inspection:** A qualified representative of the subcontractor’s quality department shall sign and document acceptance status for each shipment as evidence of 100% inspection.  Unless otherwise specifically permitted by end item customer, sampling inspection will not be performed without written approval from an authorized UM&SM representative.

Items being serviced or calibrated shall be documented to indicate the applicable industry standard for that service or calibration.

12        **First Article Requirements:** First Article Inspection Report meeting the Requirements of AS9102 shall be provided with the first shipment. First Article inspections shall be required for all configuration changes, and any major changes in fabrication/processes that may affect product conformance.

13            **Certification of Compliance (C of C):** Seller certifies all parts supplied conform to the purchase order requirements, applicable specifications with rev levels, requirements of Aerospace Standard AS9100, finishes, dimensions, etc. and records are on file subject to examination.  The certificate of compliance must be signed by an authorized representative and shall accompany each shipment

14            **Test Reports:** The original mill chemical and mechanical test reports for material used in filling orders must be maintained for a period of ten (10) years.  The heat lot numbers of each report must be traceable to the material. Any reprocessed raw material must be traceable to the original mill test report and include objective evidence of compliance (e.g. mechanical tests) to the materials reprocessed condition.  Copies of test reports must be submitted with each shipment.  When UM&SM provides the material the supplier must ensure that a statement is included on the shipping certification and shipper “UM&SM supplied material”.

15            **Quality Record Retention:** Quality records must be maintained for a minimum of ten years or per the end item customer requirements. Records must be readily retrievable upon request.

16            **Product Verification:** Verification by UM&SM does not absolve the seller of the responsibility to provide acceptable product or preclude subsequent rejections by UM&SM.

17            **Handling, Packaging, Preservation and Delivery:** The subcontractor shall use appropriate methods of handling, packaging and preservation to prevent damage of product in process and during delivery.

18            **Source Inspection:** If specified on the purchase order, UM&SM source inspection is required prior to shipment from seller’s facility. Seller shall provide personnel and equipment to assist buyer’s representative during inspection of items.  On site acceptance by UM&SM or customer personnel does not absolve the seller of the responsibility to provide acceptable product or preclude subsequent rejections by UM&SM.

19 **Corrective Action:** The subcontractor shall have an effective program for timely investigation, stock purge, and corrective action and follow up, for rejections initiated by both the subcontractor and UM&SM. When the subcontractor discovers discrepancies that may also exist in products already delivered to UM&SM, a telephone call to the UM&SM quality or program manager and written notification shall provide all the particulars. UM&SM will report discrepancies such as poor quality, warranting corrective action to the subcontractor. UM&SM will request formal corrective action from suppliers exhibiting excessive discrepancies. The reply shall give evidence that the circumstances surrounding the cause of the discrepancy were thoroughly investigated and appropriate and positive steps were taken to preclude recurrence of the discrepancy. The affectivity point of the corrective action shall be so noted by date and or serial number. The reply must be returned to UM&SM within 30 calendars days, unless otherwise specified after receipt of the request for corrective action. Failure on the part of the Subcontractor to answer corrective action requests (CAR’s) within time allotted may result in the suspension of the subcontractor (supplier) from the approved supplier list.

20. **Notification of Change:** The subcontractor (supplier) shall notify UM&SM (Quality Manager) in writing of all process, design, fabrication, testing, facilities and material changes affecting the form, fit, function, reliability or interchangeability of end item specification or drawing requirements during the performance of this contract. The Supplier shall afford UM&SM, an opportunity to examine such changes for compliance to the contractual Quality Assurance Requirements including any necessary approvals.

21 **Unauthorized Change in Processes, Materials or Specifications:**

Suppliers shall not substitute or change any processes, materials or specifications as defined on the purchase order without prior UM&SM approval. Specifications/Standards listed on the purchase order shall be of the latest current revision status available.

Note: Unless otherwise specified use of superseding industry or Military Standard Specifications shall be acceptable provided a notice of cancellation and/or supersession can be obtained by UM&SM as verification.

22 **Counterfeit Parts and Material**

Supplier shall have a counterfeit parts program for training, avoidance, detection, mitigation, and disposition meeting the requirements of Aerospace Standard AS9100. Seller shall only deliver authentic components, devices, pieces, material, modules, assemblies, subassemblies, goods, etc. that are manufactured by or obtained from original equipment manufacturers (OEMs), original component manufacturers (OCMs), or authorized distributors. Seller shall make available to UMSM documentation that authenticates and provides traceability of the Parts to the applicable OEM or OCM.

23 **Conflict Mineral**

 [**Seller shall**](https://www.lawinsider.com/clause/conflict-minerals) promptly notify Buyer in writing in the event that Seller is or becomes aware of any reason to believe that the goods are not DRC Conflict Free. To the extent Seller procures gold, tin, tantalum and/or tungsten from a smelter or refiner for incorporation into the goods, Seller represents, warrants and covenants that such materials shall be procured solely from one or more of the smelters or refiners appearing on the applicable compliant smelter and refinery list available at www.conflictfreesmelter.org.

 PURCHASE ORDER QUALITY CLAUSES REVISION HISTORY

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| **Revision** | **Date** | **Name** | **Change** |
| NEW | 4/5/12 | Todd Rusk | Initial release |
| A | 6/27/13 | Todd Rusk | Updated to add footer |
| B | 2/26/16 | Susan Yates | Updated Verbiage |
| C | 3/15/17 | Susan Yates | Updated Verbiage |
| D | 10/31/17 | Susan Yates | Updated Verbiage |
| E | 5/25/18 | Susan Yates | Added #22 Counterfeit parts and material |
| F | 3/12/21 | Susan Yates | Added #23 Conflict Mineral |
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