



1.0 SCOPE

1.1 This document contains a listing of quality clauses that must be followed when specified on orders for materials or services.

2.0 DEFINITIONS

- 2.1 "Buyer" = Alphacoat Finishing, LLC., and/or Agents/Representatives
- 2.2 "Seller" = Vendor, Supplier, Subcontractor, and/or Agents/Representatives

3.0 QUALITY CLAUSES CHANGES

3.1 Seller is hereby advised that the quality clauses are subject to change without notice. Please refer to the Buyers Web Site for the latest copy for the quality clause in affect. (Web Site Address www.alphacoatfinishing.com) You may also contact the Buyers purchasing or quality assurance representative for a current copy.

4.0 MINIMUM REQUIREMENTS

4.1 Unless otherwise stated on the purchase order, the following Quality Clauses shall apply to all orders placed with the Seller.

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110. BUYER OBJECTIONS

Buyer objects in advance to the inclusion of any additional or different terms proposed by Seller in acceptance or acknowledgment of purchase order. The inclusion of such terms by the Seller will be of no significance. Such terms will not be conditions or additional terms to the purchase order. Quality Clauses will vary from order to order and will be specifically called out in every purchase order issued to you.



120. CERTIFICATE OF CONFORMANCE

Seller shall submit with each shipment a Certificate of Conformance stating that the products or services furnished to Buyer are in conformance to the purchase order and/or engineering requirements applicable to the order supplied.

Seller shall have on file all material, chemical and physical test reports and certificate of conformances for materials and processes supplied by sub-tier suppliers. This documentation must be made available at any time to Buyers representative upon request.

As a minimum, each Seller and/or sub-tier certification must contain the following information:

- A. Purchase order number,
- B. Purchase order number item number,
- C. Part Number,
- D. Description,
- E. Revision level as specified on the purchase order,
- F. Lot Number,
- G. Serial numbers,
- H. Date of manufacture,
- I. Quantity shipped,
- J. Certificate date of issue,
- K. Any recognized aerospace, military and/or industry standard, when imposed by purchase order and/or engineering data must be specifically stated and form a part of the certification.,
- L. Name and address of the Seller issuing the certification,
- M. Signature, title, and date by an authorized representative of the Seller.

130. PHYSICAL AND CHEMICAL TEST REPORTS

Seller shall supply legible and reproducible copies of actual physical and/or chemical test reports for each lot, batch or heat, whichever is applicable.

Seller shall supply original producer certification with each shipment of material specified on the purchase order.

The report must show that material/parts delivered are acceptable and be shall be identifiable to the product being delivered and process specification used to produce the material. The material manufacturer must also be noted on the certification.

All materials shall require traceability to the original source, and shall comply with the current material and process specification revision in effect when produced.

Material converters are responsible for maintaining lot traceability.

140. RAW MATERIAL TRACEABILITY

All materials manufactured under this purchase order shall be traceable to raw material used. traceability and Inspection records shall be available upon request by Buyer. The Seller shall adequately identify all material in such a manner that full traceability of raw material used. Material converters are responsible for maintaining lot traceability.

150. SHELF LIFE ITEMS

Materials having less than 11 months of shelf life from the time of shipment must be identified and notice given to Buyer that the shelf life is less than 11 months prior to releasing and shipping the order.

Materials or articles having characteristics subject to degradation with age shall be marked in a manner that clearly shows the date of manufacture, expiration date, batch or lot identification numbers along with other standard identification requirements.

Preservation, special storage and handling conditions must be included when applicable.

Material Safety data sheets and technical data sheets must be provided when applicable.



160. MATERIAL SAFETY DATA SHEETS

All materials that may pose a danger to health safety must have a Material Safety Data Sheets (MSDS) included with any shipment made against an order.

170. TECHNICAL DATA SHEETS

Technical data sheets must be made available if requested by Buyer. Seller must notify Buyer if technical data sheets are not available.

180. NO CHANGES WITHOUT APPROVAL

Seller shall not make any changes to the processes or materials specified under the purchase order. Seller shall notify Buyer in writing prior to any proposed changes to Seller controlled design, parts, materials, fabrication methods or processes, that may affect function, interchangeability or reliability of materials delivered to Buyer or of any changes to facility location, ownership or quality management following a quality survey /audit by Buyer. Seller must approve any changes in writing

190. PACKAGING

Seller must ensure that all items shipped to Buyer are adequately packed and/or packaged to prevent damage, contamination and/or deterioration. Unless otherwise specified on the Purchase Order, Seller must use best commercial practices in packaging to prevent damage, contamination and/or deterioration to all items during transit. All packages must be clearly identified to assure traceability.

Hazardous materials, as defined by any applicable governmental organization, shall be clearly labeled, identified and handled in such manner to assure compliance with any and all environmental safeguards, special handling, packaging, shipment, storage, or other requirements imposed by law of regulation. Material Safety Data Sheets (MSDS) must be included with each shipment.

200. AGGREGATE QUANTITY SHIPMENT VARIANCES

Seller shall supply quantities for the net amount ordered. Any variance reflected on the purchase order must be approved by Buyer's appropriate purchasing representative prior to shipment. Unauthorized shipments received will be returned at Sellers expense.

210. BUYERS SOURCE INSPECTION REQUIRED

Buyers source inspection is required. Inspection shall be conducted at the Seller's facility and shall be requested and accomplished prior to shipment. When the items on the Purchase Order are ready for inspection, notify the Buyer's purchasing representative so that coverage can be arranged. Drawings, specifications and/or other pertinent data, as required by Purchase Order, shall be made available to the AMD Quality Representative, at the time of material presentation.

220. FIRST ARTICLE INSPECTION

A detailed first article inspection report is required. The report must be on equivalent AS9102 compliant documentation and must list all drawing characteristics. The report must include evidence of conformance to all elements including material and processes. Each drawing characteristic must be complete with the tolerance in an adjoining column. The measured condition must be recorded. The report must show part number, revision and purchase order number. Buyer must be notified in advance when the first article inspection is scheduled and reserves the right to witness the actual inspection or to require spot checks to verify the data. This first article will consist of one piece. This piece must be identified and packaged separately along with the report when shipped with the production parts.

230. NONCONFORMING MATERIAL CONTROL & LATENT DEFECT NOTIFICATION

If non-conformances are detected during manufacturing or inspection, Buyer must be notified prior to any dispositions or implementations. Suggested dispositions, identifications of cause of non-conformance, and the corrective actions taken shall be submitted in writing. Further work shall not be performed until directed by Buyer in writing.

All non-conforming materials shall be clearly identified as non-conforming materials, including the nature of the non-conformance. All non-conforming materials should be segregated from conforming materials.

If a potential latent defect is determined, a written notice to Buyer is required within 24 hours of discovery



240. QUALITY SYSTEM REQUIREMENTS AND FLOW DOWN TO SUPPLIERS

Seller shall implement and maintain a quality management system that complies with ISO9001 / AS9100 or an equivalent system that provides adequate inspection to verify that the product supplied is in full compliance with the purchase order requirements and all applicable specifications.

Seller will flow-down all applicable requirements of the purchase order to their suppliers to insure conformance.

if a supplier holds an AS9100, ISO 9001 or similar quality management certification, they are to advise Buyer if their certification has expired as well as send Buyer the new certifications upon their renewal. Seller notification must be received prior to the acceptance of any order.

Compliance with these requirements are subject to audit by Buyer.

250. RETENTION OF QUALITY RECORDS AT SELLER FACILITY

Records established in support of the requirements of the Buyers purchase order will be maintained at the Sellers facility in accordance with the quality requirements of the Sellers quality management system. Records created by suppliers or subcontractors to satisfy Buyers purchase order requirements are required to be sent to Buyer along with the purchased product or service.

All quality records are to be legible, reproducible, and identifiable to the purchase order. quality records are to be stored and maintained in such a way that they are readily retrievable in facilities that provide a suitable environment to minimize deterioration or damage and to prevent loss. This applies to our suppliers and any lower-tier suppliers.

Retention period for quality records is 10 years unless otherwise specified. Buyer, our customers, or regulatory agency representative shall have access to review quality records as they pertain to this order.

260. SELLER INSPECTION SYSTEM REQUIREMENTS

Seller and sub-tier suppliers must perform all inspections and tests necessary to prove products performance to applicable contract requirements, engineering drawings, specifications, and inspections and testing required by the purchase order. Seller must provide and maintain an inspection system that is documented and that inspection and test records are maintained.

270. INSPECTION AND CALIBRATION SYSTEM REQUIREMENTS

Seller shall maintain a documented quality system that complies with the requirements of government and/or industry quality system standards. Specifically, Seller shall maintain a documented calibration system in accordance with ISO 10012 and/or ANSI/NCSL Z540-1

At a minimum, the Seller must have an inspection system compatible with the requirements of ISO 9002. Seller's quality system is subject to verification and approval at all times by the Buyers Quality Assurance Department.

280. MEASURING AND TEST EQUIPMENT

Supplier shall be responsible for validating the accuracy and stability of tools, gauges, and test to ANSI/NCSL Z540.3 or national or international equivalent, which are used to demonstrate that items conform. Documented schedules shall be maintained to provide for periodic calibration traceable to international or national standards bodies such as the national institute of standards & technology (NIST). Objective evidence of calibrations shall be recorded and made available for Buyer to review upon request. If calibrations labs are used for calibration of certain test equipment, it is preferred that the supplier use a calibration lab that is accredited to ISO/IEC 17025.

290. RIGHT OF ENTRY

Buyer reserves the right to review *all applicable records*, control methods and inspect material pertaining to this purchase order at the Sellers plant and at any sub-tier supplier. These access rights shall be extended to our customer and government or regulatory agency representatives.

300. CONFIGURATION MANAGEMENT

Seller shall notify buyer immediately of any changes to the characteristics or configuration of the product and/or processes used to manufacture the product. When required, Seller shall obtain written approval of changes from Buyer.



310. COUNTERFEIT MATERIAL CONTROL

The Seller shall have processes and control to ensure that no counterfeit materials are delivered to Buyer, or Buyers customers. Seller shall have a process that is compliant to AS5553 as it may apply to any order placed with the Seller.

Seller shall maintain documentation, i.e. Certificates of manufacture, certificates of conformance, independent 3rd party testing, and other documentation necessary to assure traceability to the original equipment manufacturer (OEM). Documentation shall be maintained per record retention requirement flow down, and be available upon request. Seller is expected to flow down this requirement to all their suppliers.

320. PRODUCT AND SERVICE CONFORMITY AND ETHICAL BEHAVIOR

Seller shall be aware of their contribution to product and service conformity including safety concerns and the importance and need of ethical behavior and fair dealing. Seller agrees by taking an order that they will not misrepresent any information supplied to the Buyer.

6.0 APPLICABLE DOCUMENTS

The following form a part of this document to the extent indicated herein.		
QMS Form No.	File No.	Title

7.0 REVISION HISTORY

Rev	Date	Section	Paragraph	Summary of change, evaluation of Impact to other processes and training requirements	Authorized by
A	01-24-19			Initial issue	George Ruben

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1128_FR-840-003_A_Quality_Clauses