

*When noted on the Purchase Order, the specified clauses below are applicable, in addition to PE's Basic Supplier Requirements. \* Requires a hardcopy*

## QUALITY CLAUSES

CODE	TYPE	DEFINITION
100	Quality Management System	Supplier shall maintain a Quality Management System that complies with the requirements of ISO9001 or AS9100 or be approved by a PE representative.
200	Government Source Inspection	Government Source Inspection (GSI) is required, prior to shipment from your (the Supplier's) facility. Upon receipt of the order, promptly notify the government representative, normally servicing your facility, to accomplish the appropriate planning. If a government representative does not service your facility, notify PE or the nearest Defense Contract Administrative Office, for direction.
201	Source Inspection	PE shall conduct Source Inspection at the Supplier's facility or where designated on the PO, prior to shipment. The Supplier shall perform inspection/test of the items, which shall be subjected to witness by PE. PE shall elect to do a sample of the units, up to 100% (total) inspection/test. If a sample is elected, the sample will be selected by PE.  Upon request, Supplier shall have available and present documented evidence of in-process and/or final inspection/test data. Required documentation, for shipment, must be completed and signed by Supplier's Quality Assurance Manager or authorized designee, and it shall be made available for PE's review.
300 *	Certificate of Conformance	Parts supplied to this purchase order shall be accompanied by a Certificate of Conformance. Certificates must include the following: <ul style="list-style-type: none"> <li>• Manufacturer's name &amp; address;</li> <li>• Date;</li> <li>• Country of Origin;</li> <li>• PE purchase order number, part number &amp; revision letter/number (unless otherwise specified on the PO), Quantity;</li> <li>• Material or process specifications, including RoHS compliance (as applicable);</li> <li>• Serial and/or lot number(s), if applicable;</li> <li>• Mill heat number(s), as applicable (example: metal suppliers);</li> </ul> <i>When multiple lots of material are used in completing a shipment, parts shall not be mixed, and all material lot numbers, or mill heat numbers shall be reported. When processing is performed against an RDS job order, parts shall not be mixed, and traceability shall be maintained to the work order.</i> <ul style="list-style-type: none"> <li>• Other – as specified on PE's purchase order.</li> </ul>
301 *	Chemical and physical test reports	For raw material shipments, or where material was supplied by the supplier, physical and chemical test report certifications shall be supplied <u>with each shipment and/or lot</u> . Test reports must be traceable to the material and shall be legible and include: <ul style="list-style-type: none"> <li>• the material designation, specification, &amp; revision letter (<i>must be certified to latest revision in effect at time of shipment</i>);</li> <li>• results of all specified testing requirements;</li> <li>• the mill heat and/or lot number;</li> <li>• any other requirements specified on the PO.</li> </ul>
302 *	First Article Inspection (FAI) Delta Inspection (DFAI)	The supplier, in accordance with the latest revision of SAE AS9102, shall conduct a First Article Inspection. A ballooned drawing identifying each characteristic accompanying form 3 is preferred. A copy of the FAI shall be included with each shipment.  A Delta FAI is required when there has been a dimensional change to the product. DFAI records only those characteristics affected by the change, provided an approved FAI is on file for the previous revision.  If a AS9102 FAI is not required, an equivalent supplier form will be acceptable. This form must include PE Part # and revision, dimensional report and balloon drawing are required.  No out-of-tolerance measurements shall be accepted.

303 *	Dimensional Inspection Data	Supplier shall provide Dimensional Inspection Data with each shipment for product furnished under this purchase order showing conformance with the drawing and requirements. Data shall consist of records of actual readings taken during in-process and/or final inspection, with the dimensions and its tolerances listed. No out-of-tolerance measurements shall be accepted unless a PE Supplier Deviation Form was processed and accepted by PE prior to shipment. Supplier will identify the purchase order #, part #, revision # (if applicable), lot # (if applicable) on each inspection data sheet. Each inspection data sheet will be signed by supplier's quality rep.
304 *	Material Mechanical Properties Testing	With each shipment, the Supplier shall submit inspection reports, data sheets, test reports etc. Reports shall be legible and identified with the dwg/spec number, revision, PE part number, Supplier's lot identification number. Test reports for special tests such as tensile strength, vibration, shock, rain, sand and dust, pressure, environmental, EMI, ATP and others shall be supplied by the Supplier.
305 *	Destructive Testing	Destructive Testing Analysis (DTA) report is required. DTA is aimed at destroying/deforming a material to the point of failure. The Supplier shall permanently identify the parts that have gone through DTA and which are no longer suitable for intended use. The tested parts may be required to be returned to PE.
400	Removed	Record Retention – See Supplier Requirements - Basic
401	Right of Access <small>(Reference Supplier Requirements - Basic)</small>	Upon request, PE, PE's customers, &/or regulatory agencies shall have access to the Supplier's facilities and the right to conduct surveys and perform surveillance, in order to evaluate the Supplier's capability to comply with contractual requirements.
500	Special Process Approval	Heat treating, welding, electroplating, laser cutting, EDM, ECM, non-destructive testing, etc. are considered special processes and require approval by PPG-RDs Facility, prior to use. The Certificate of Conformance shall include the specification number and revision of all special processing performed. Once approved, special processes may not be changed without PE's written approval of the changes
501 *	Approved Inspection Plan	When requested, the Supplier shall submit a detailed inspection plan to PE. Facility for approval before manufacturing begins. Supplier inspection shall be in accordance with the PE approved inspection plan for the part number ordered.
502	Approved Source of Material	All material used in fulfilling the order must be supplied by a supplier approved by PE, unless specifically authorized in writing to the contrary.
600	Identification and Control by Lot #	Traceability of items shall be by lot number, rather than by individual serial number. Supplier shall assign a common lot number to all items in a specific manufactured lot.
601	Identification and Control by Serial #	Supplier shall identify all items, which are shipped to PE, by individual serial numbers; and the serial numbers shall appear on the certification(s). Serial numbers shall be assigned by PE. The method of marking will be specified on the PO or on a furnished manufacturing drawing. The Supplier shall maintain traceability of each serialized item to raw materials used in its manufacturing processes.
700	Specialty Metals	The most current version of DFARS 252.225-7014 Preference for Domestic Specialty Metals applies to this order. For the purpose of this contract/purchase order, aluminum is considered a specialty metal and the domestic preference applies. Contact PE's purchasing department for clarification or applicability, if necessary.
701 *	Buyer (PE) Furnished Material	When PE furnishes material, the Supplier's management system shall provide for the following: 1. Examination, upon receipt, for transit damage; 2. Verification of quantity; 3. Storage against damage, improper use, or disposition. The Supplier must furnish certification that the materials used were those furnished by PE and no un-authorized substitution was made.

800	Approved Suppliers	All PE-approved suppliers are responsible for maintaining a list of their approved suppliers and shall have the list available for review by PE, upon request. Information shall include name, address, nomenclature of parts or services provided, part numbers and other pertinent information requested by PE. Suppliers shall only purchase aircraft-related parts from suppliers which are controlled by PE, by approval or inspection.
900	Changes to work (Reference Supplier Requirements - Basic)	The Supplier shall make no changes to work under the PO/contract, including any change in design, manufacturing process, materials, or otherwise which may affect form, fit, or function of the work, without prior notification to and approval by PE. Such notification shall consist of detailed drawings, clearly defining such changes, and the date such changes are proposed to be effective. Such notification shall not constitute approval of the proposed change nor relieve the Supplier of the obligation to comply with requirements contained in the PO/contract. If the proposed change is approved, the change approval shall be documented.
1000 *	Calibration	A system for the maintenance and calibration of inspection, measuring, and test equipment shall be maintained. ANSI/NCCL Z540-1 is applicable to calibration activities. (Acceptable alternative: MIL-STD-45662A "Calibration System Requirements".) All calibration standards must be traceable back to NIST (National Institute of Standards and Technology) and the NIST test number shall be included on the Certificate of Conformance.
1100	Foreign Object Debris (FOD)	Supplier shall comply with NAS412, to prevent Foreign Object Damage (FOD) to manufactured products. Supplier shall establish and maintain an effective FOD prevention program through a continual improvement approach that proactively addresses and controls the events (conditions and actions) leading to FOD.
1101	Export/Import Controls	Supplier shall control the disclosure of and access to technical data, information, and other items, including hardware received under this PO, in accordance with U.S. export control laws and regulations, including but not limited to the International Traffic in Arms (ITAR) and the U.S. Department of Commerce, Bureau of Industry and Security (BIS), and Export Administration Regulations. Contact PE's purchasing department for clarification or applicability, if necessary.
1102	15 CFR §758.6 of the EAR	<i>"These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US Law prohibited."</i>
1103	22 CFR §123.9(b) of the ITAR	<i>"These commodities are authorized by the US Government for export only to (country of ultimate destination) for use by (end user). They may not be transferred, trans-shipped on a non-continuous voyage, or otherwise be disposed of in any other country, either in their original form or after being incorporated into other end-items, without the prior written approval of the US Department of State."</i>
1200 *	Certificate of Airworthiness	A copy of a certificate, issued by the cognizant civil aviation authority (e.g., EASA Form 1, FAA Form 8130-3) and certifying that the part conforms to the applicable regulatory requirements, should be supplied to PE.