



## *SUPPLIER QUALITY ASSURANCE REQUIREMENTS*

- Q1: Quality System per MIL-I-45208A** – The supplier’s quality system shall meet the requirements of MIL-I-45208A, “Inspection System Requirements”, or equivalent.
- Q2: Quality System per ISO-9001:2000** – The supplier’s quality system shall meet the requirements of ANSI / ASQC Q9001:2000, “Quality Systems – Model for Quality Assurance”.
- Q3: Quality System per AS-9100** – The supplier’s quality system shall meet the requirements of SAE-AS9100, “Quality Systems – Aerospace Model for Quality Assurance”.
- Q4: Certification of Conformance** – The supplier shall place on his packing sheet / shipper, or on a separate document attached to, a certificate of conformance worded substantially as follows and bearing in ink the signature and title of the supplier’s responsible quality representative.
- “This is to certify that all items delivered on this packing sheet / shipper # \_\_\_\_\_ under Nu-Cast, Inc. Purchase Order # \_\_\_\_\_ conform to all applicable drawing, specification or purchase order requirements. Objective evidence is on file and will be made available to Nu-Cast, Inc. upon request”.
- Q5: First Article Inspection Reports** – Supplier shall submit the first production article part(s) on AS9102 or equivalent form to the Buyer’s receiving inspection department together with documents showing data representing results of Supplier’s First Article test / inspection, including actual dimensions or values for each specified characteristic and all related drawing notes. The first article part(s) shall be clearly identified by tagging or other positive method.
- Q6: Measuring & Test Equipment** – All devices used to measure, gage, test or otherwise determine compliance to drawing or specification requirements shall be calibrated and controlled.
- Q7: Special Processes** – Only Nu-Cast, Inc. approved subcontract special process sources may be used. Contact Nu-Cast, Inc. Purchasing for assistance. Use of non-approved suppliers will result in rejection and non-payment.
- Q8: Personnel Qualification** – Special personnel qualification applies, see P.O. for details, or call Nu-Cast, Inc. Purchasing.
- Q9: Manufacturing Processes** – The supplier shall notify Nu-Cast, Inc. of any significant changes in processes, methods or controls that may affect the quality of parts delivered to Nu-Cast, Inc.
- Q10: Key Characteristics** – The Supplier shall provide objective evidence of compliance for all identified “Key Characteristics” as noted on the drawing that are the supplier’s responsibility.
- Q11: Records** – The Supplier shall maintain adequate records of inspection, tests and other quality control activities. Records shall provide objective evidence of the quality control operations performed, the results obtained and any corrective actions taken. Such records shall be available to Nu-Cast, Inc. and to customers or agents of Nu-Cast, Inc. Where such records are traceable by serial or lot designation to material supplied to Nu-Cast, Inc. they shall be maintained for a period of seven (7) years, unless otherwise noted on the purchasing documentation.
- Q12: Nonconforming Material Disposition** – Supplier shipment of nonconforming material without specific, prior approval by Nu-Cast, Inc. is not permitted.

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- Q13: Repair of Castings** – Repair to casting, including welding, is not permitted without prior written permission from Nu-Cast, Inc.
- Q14: Packaging** – Unless otherwise specified, preservation, packaging, handling and shipping of items shall be in accordance with best commercial practices to prevent damage (nicks, dents, chips, etc.) and ensure that original quality is maintained. Prior to packaging all items will be free of any residual processing chemicals or oils and F.O.D. (Foreign Object Debris).
- Q15: Control of Subvendors** – The Supplier shall be responsible for the conformance to requirements of items purchased from his suppliers. He shall assure that the requirements of applicable drawings and specifications are imposed upon his suppliers, including Key Characteristics as appropriate. Nu-Cast, Inc. Purchasing shall be notified when the contractor subcontracts any or all operations pertaining to the contracted job.
- Q16: Access to Facilities** – Nu-Cast, Inc. may at its discretion, provide authorized personnel which may include the final customer or regulatory agencies, whose function shall be to survey the Supplier's operations, assist the Supplier in resolution of quality problems, witness at any stage (subject to proprietary considerations) the manufacture, processing, test and/or inspection of items, to include all applicable quality records, being manufactured for Nu-Cast, Inc. and the customers of Nu-Cast, Inc.
- Q17: Setup / Scrap Parts** – The supplier shall return all scrap or setup pieces to Nu-Cast unless prior written approval to retain has been granted. Scrap parts are to be clearly identified as such and segregated when possible. All scrap, setup or non returning pieces will be clearly noted and accounted for on the pack slip for return shipment of that Purchase Order.
- Q18: Test & Inspection Data** – The supplier shall submit with each shipment a copy of their final inspection report for the lot, bearing the signature and title of the authorized representative, to include part number, actual inspection data, test data and chemical test results as appropriate for each lot shipped.
- Q19: C=0 Sampling Plan:** - Product inspected by a sampling plan for delivery on this purchase order must use an acceptance number zero; i.e. accept on zero and reject the lot on one or more defects.
- Q20: Specification Process Material Certifications:** - The supplier must provide certificates of compliance to ALL special process specifications listed on the drawings and/or purchase order for which the supplier has contracted (plating, chemical films, special treatments, paint etc.) The certifications must state the applicable specifications and be validated by an authorized representative, and shall be enclosed with each shipment.
- Q21: Drop Shipments** – When drop shipments are authorized or directed by Nu-Cast, Inc. the supplier shall provide a copy of the packing slip along with a copy of all certifications, inspection and test records to Nu-Cast, Inc. for each shipment drop-shipped. Originals of the pack slip and quality records shall be sent with the drop-shipped product.
- Q22: Counterfeit Parts-** Parts will be defined as the lowest level of separately identifiable items, i.e. product specific hardware. The supplier shall insure that all hardware such as, but not limited to; helicoils, keenserts, nuts, rivets, screws or nutplates supplied are of domestic (US) manufacture, of original manufacture not re-worked or altered, and fully comply with OEM finished part specification as stated in product catalog or part specification sheets, as well as specifications as ordered by Nu-Cast, Inc. or Nu-Cast, Inc. contracted suppliers. To provide evidence of conformance to Nu-Cast, Inc. and customer of Nu-Cast, Inc., the supplier shall provide certificates of compliance from OEM with each parts shipment.