

# PO Quality Notes

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**QC1 Inspection Systems** – The supplier will as a minimum implement and maintain a documented inspection system. This system is subject to review by Lighthouse's (LH) Quality Assurance.

**QC2 Quality Management Systems** –*Off load only* The Supplier will at a minimum implement and maintain a documented quality management system that meets the requirements of AS9100. This system is subject to review by LH Quality Assurance.

**QC3 Certification** – A certificate of conformance must accompany each shipment. The certificate must state that the material supplied meets the applicable material specification. LH Purchase Order number shall be noted in certification. LH supplied material will be maintained by the LH and is not subject to this clause.

**QC4 Test Reports** – *When requested by LH*, chemical and physical analysis test reports shall be required with test specimens required as noted

**QC5 Shelf Life** – The manufacturing and applicable expiration date must be noted on each individual container and / or certification.

**QC6 First Article** – First article inspection is required. First article shall comply with AS9102 requirements.

**QC7 Inspection** – Supplier will notify the Lighthouse for the Blind, Inc. of nonconforming product and will make arrangements for Lighthouse for the Blind, Inc. disposition of supplier nonconforming material. **(Cancelled – refer to note # 19)**

**QC8 Statistical Process Control** – Statistical process control is required and shall be implemented on this order as defined by Quality Manager. The Supplier shall contact the LH Buyer prior to manufacturing to arrange a meeting to define the required characteristics affected.

**QC9 In-Process Inspection** – In process inspection is required by LH. When this is required, the specific inspection point(s) in the process will be specified on the Purchase Order. The supplier shall contact LH and hold the material for in-process inspection by LH Quality Assurance.

**QC10 Parts Identification** – In addition to drawings/specification requirements, all products must be identified with the part number. The manner and location of this identification shall be agreed upon with LH Purchasing.

**QC11 Protection against Contamination or Damage** – On all parts, the surface must have a protective sleeve or equivalent protection. The parts must be boxed, banded, or shipped in a manner that will ensure no damage will occur.

**QC12 Right of Entry** – LH or LH customer or government representatives will have the right to survey facilities and review all processes, subcontractors, contracted parts, procedures, and records.

**QC13 Subcontracting without Written Approval** – Subcontracting all or substantially all of the order without written consent of LH Quality and Engineering is prohibited.

**QC14 Lighthouse Supplied Drawings** – All engineering drawings provided by LH are LH property and must be returned with the order.

**QC15 NADCAP Approval** – *Heat treat only*: certifications must include evidence of NADCAP approval for heat treating as well as RC and EC readings. *Finish house only*: certifications must include evidence of NADCAP approval for chemical processing and record of paint thickness if applicable.

**QC16 Quality Records** – Supplier shall maintain: record identification, evidence of changes, preservation, availability, accessibility, and protection from access by unauthorized persons. Supplier shall retain quality records for a minimum of ten (10) years from shipment of last part and dispose proprietary and sensitive records in a manner that protects them.

**QC17 Less than AS9100 Suppliers** – Suppliers who manufacture product complete, and do not maintain a quality system in compliance with AS9100 must maintain documented procedures that address the following:

1. Identification and Traceability
2. Control of non-conforming Material
3. Process Control
4. Measurement and Monitoring of Product
5. Purchasing
6. Supplier qualification and Approval
7. Contract Review
8. Verification of Purchase Product
9. Control of Inspection, Measuring and Test Equipment
10. Preservation of Product
11. Training
12. Control of Quality Records

**QC18 Revision Control** – Unless otherwise specified, latest revision applies on all listed specifications, drawings, process requirements, inspection/verification instructions and other relevant technical data.

**QC 19 SUPPLIER NOTIFICATION to LH:** supplier must notify LH of nonconforming product, allow for LH for disposition by LH of non-conforming product, notify LH of changes in products and/or process, changes of suppliers, changes of manufacturing facility location and, where required, obtain LH approval, and flow down to the supply chain the applicable requirements including customer requirements.

**QC 20 ITAR Requirement** – IMPORTANT/CONFIDENTIAL: This PO (and any drawings and/or attachments accompanying it) may contain confidential information, including information protected by United States Government. The information is intended only for the use of the intended recipient(s). Delivery of this PO to anyone other than the intended recipient(s) is not intended to waive any privilege or otherwise detract from the confidentiality of the PO. If you are not the intended recipient, or if this PO has been addressed to you in error, do not read, disclose, reproduce, distribute, disseminate or otherwise use this information, rather, please promptly notify the sender by phone or e-mail, and then destroy all copies of the PO and its attachments, if any.

**QC 21 FAA Certificate 700-** Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700.

**QC 22 FOD Prevention Program-** Seller hereby agrees to maintain a FOD Prevention Program in accordance with NAS412.

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