SELLER QUALITY REQUIREMENTS
QCS-001 PROCESSING SOURCES

Notice: A hard copy of this document may not be the document currently in effect. The current version is always the version on the Lockheed Martin network.

A. GENERAL REQUIREMENTS

1. Seller, where used herein, is defined as a QCS-001 Source performing work for either a Lockheed Martin PO or for a Lockheed Martin subtier's purchase order where work is performed for Lockheed Martin Items.

2. QCS-001 is used to identify both the process sources and the processes that require Lockheed Martin approval, prior to use for Items delivered to Lockheed Martin. A controlled process is an operation performed on an Item where the operation is not readily inspectable subsequent to its conclusion. Controlled processes have verifiable controls inherent to the process i.e. heat treat, plating, nondestructive testing, etc.

   The controlled processes listed in QCS-001 are not applicable to standard hardware (nuts, bolts, washers, etc.) that is ordered to military, federal or industry specifications or standards (e.g., MS, AN, NAS, etc.) or to metallic raw material (plate, sheet, bar, extrusion, etc.) that is purchased from a mill.

   The list of both Lockheed Martin-controlled processes and Lockheed Martin-approved sources can be found on Lockheed Martin's Internet Home Page at:
   http://www.lmaeronautics.com/material-management
   - Select "Quality Requirements"
   - Select "QCS-001 Directory"
   - Select "QCS-001 Links" to view:
     1. Specification Index
     2. Inquire by Processor (Vendor) Name, Process code or Name of Process
   - Select "

3. Seller shall identify in writing to Buyer, the personnel holding Level II and Level III certification for performing the following nondestructive test methods. (**Note:** Seller must retain a copy of this list for Seller's internal records):

   a. Radiography
   b. Penetrant
   c. Magnetic Particle
   d. Ultrasonic

   Seller shall notify Buyer of changes to the Level II and Level III personnel identified to perform the nondestructive test methods identified above within 48 hours of such changes being made.

   Buyer shall notify Seller if an on-site review of Seller's Level II or Level III personnel is required. Buyer shall provide Seller instructions for delivery of items prior to completion of (Buyer's Radiography

E. Use or Performance of Controlled Processes or Processors Listed in Quality Control Specification (QCS)-001

1. Seller shall use Lockheed Martin-approved sources for QCS-001 controlled processes.

2. Lockheed Martin approval, if any, of a QCS-001 Source to perform a QCS-001 controlled process is limited to that process specification and does not imply approval for any other process specifications embedded therein.

   Note:
   Where Lockheed Martin's approval is a requirement within a process specification, approval will be controlled by Lockheed Martin. (Examples: Penetrant demonstration programs, heat-treat re-qualification programs, etc.)

3. Seller shall ensure testing performed in-house is certified as meeting required drawing or specification requirements.
4. Seller shall be responsible for ensuring that Seller has the appropriate revision level of the process standards or specifications prior to performing work in connection with the Items.
5. Seller shall ensure process controls are established and required process control tests are accomplished at required intervals to ensure continued compliance to process specifications.
6. Seller shall, when used, have a documented system for the issuance and control of inspection stamps.
7. Seller shall ensure parts are suitably wrapped, boxed or racked to guard against shipping damage and apply rust or corrosion protection.

F. Calibration

1. QCS-001 Source shall maintain a calibration system that is compliant with the requirements in ISO 9001, ISO 10012-1,

G. Product Certifications and Acceptance

1. QCS-001 Source shall prepare and submit with each shipment a Certificate of Conformance that includes the following information:

   a. title and specification number (including revision letter) of the process;
   b. name and address of the process or NDT facility; Alr yocess or

3. Seller shall maintain activity data on each Lockheed Martin-approved process performed for Lockheed Martin or any QCS-001 Source utilized, if any, compile an annual report, and submit to Buyer by 1 November, each year. The report shall contain the following information:

    a. QCS-001 Source name;
    b. Lockheed Martin's assigned QCS-001 Source number;
    c. process specification used by specification number; and
    d. annual frequency of use.

    The report shall be mailed to the following address:

    Lockheed Martin Aeronautics Company
    Attention: Process Audit Group
    P.O. Box 748
    Mail Zone 5809 (PQA)
    Fort Worth, Texas 76101

I. Control and Processing Nonconforming Material and Corrective Action

1. QCS-001 Source shall implement and maintain a system, which provides for identification, documentation, segregation and disposition of nonconforming material and shall ensure effective, positive corrective action is taken (including repetitive nonconformances dispositioned "Use As Is" by Lockheed Martin's material review board ["MRB"]actions) to prevent, minimize, or eliminate nonconformances. Seller's system shall ensure that non-conforming material is not used for production purposes.

2. QCS-001 Source shall maintain records of all nonconforming material, dispositions, assignable causes, corrective actions, and effectiveness of corrective actions for the period specified in this PO.

3. QCS-001 Source shall evaluate each nonconformance for its potential to exist in previously produced or delivered Items. If a nonconformance exists, QCS-001 Source shall notify Lockheed Martin, in writing, within 24 hours for issues impacting flight safety, and, in writing, within 5 working days for all other issues.

4. Lockheed Martin shall forward requests for corrective action, if any, to QCS-001 Source when unsatisfactory performance by QCS-001 Source and/or any of its subcontractors is detected by Lockheed Martin. QCS-001 Source shall respond to all Lockheed Martin requests for corrective action. When requested by Lockheed Martin, QCS-001 Source shall provide trend data and findings for Lockheed Martin returned Items.

5. QCS-001 Source shall assess all Lockheed Martin identified nonconformances and take the appropriate actions to ensure causes of nonconformance are corrected. If QCS-001 Source is unable to verify or duplicate the nonconformance or refuses responsibility for the nonconformance, QCS-001 Source shall notify Lockheed Martin in accordance with the instructions at: http://www.lmaeronautics.com/material-management.

   - Select “Quality Requirements”
   - Select “Corrective Action”
   - Select “SCAR Form” to view and print the form.

   If QCS-001 Source does not respond by Seller Confirmation Action Request (“SCAR”) within 30 days of receipt by QCS-001 Source of the nonconforming Item, QCS-001 Source shall be deemed to have accepted responsibility for the identified nonconformance.

J. Material Review Authority and Submittals

1. Seller dispositions, for Lockheed Martin-designed Items, are limited to scrapping of Items, eliminating the nonconformance by rework to engineering, or returning to vendor. On Items of Lockheed Martin design, Seller shall document nonconforming Items for submittal to Lockheed Martin’s MRB for dispositions as required by this PO. Seller’s continued processing, prior to Lockheed Martin’s MRB disposition, of any Lockheed Martin-designed Items containing a nonconformance prior to Lockheed Martin’s MRB disposition will be at Seller’s risk.

2. All MRB submittals for Lockheed Martin-designed Items shall be submitted in accordance with Lockheed Martin instructions, located on Lockheed Martin’s Internet home

page, http://www.lmaeronautics.com/material-management.

- Select “Quality Requirements”
- Select “Corrective Action”

3. Seller shall not incorporate any nonconforming Items into any product, process, procedure or data that affects a parameter controlled by Lockheed Martin drawing or specification or has an effect on form, fit, function, interchangeability or reliability unless and until Seller has received prior written approval from Buyer.

   Lockheed Martin and Lockheed Martin’s customers shall each have the right to refuse to accept any nonconformances.

K. Selection, Control and Requirements Flowdown to Sub-tier Sources

1. Seller’s quality system shall include procedures for determining the capability of sub-tier suppliers, prior to issuance of Seller's PO.

2. When Seller performs a Quality System Survey or Evaluation for a sub-tier supplier facility, the results of each survey or evaluation shall be documented.

3. Seller shall ensure all materials, services and components it procures for incorporation into the Items conform to all requirements of this PO.

4. Seller shall define and establish a program for determining the need for periodic re-audit or re-evaluation of Seller’s sub-tier suppliers.

5. Prior to production and award of subcontracts, Seller shall institute a program that will ensure control of the quality of all Items procured by Seller in support of this PO.

require that, where applicable, such portions are inserted in all subcontracts at every tier.

7. Seller shall maintain objective evidence that

4. date the C of C was issued;
5. purchase order part number;
6. quantity of parts (to include quantity accepted/ rejected);
7. signature and title of authorized quality agent of seller; and
8. fracture durability classification or serialization when required.

d) A requirement to ensure parts are suitably wrapped, boxed or racked to guard against shipping damage and apply rust or corrosion protection.

L. Changes to Seller's Operations

1. Seller shall notify Lockheed Martin, in writing, of any change in status of Seller's quality system as a result of any Government or regulatory agency action.

2. Seller shall also notify Lockheed Martin, in writing, upon any relocation or transfer of manufacturing operations, or change in any organization or procedure that could impact Item quality.