



Aerospace Transparency Systems  
12122 Western Avenue  
Garden Grove, CA 92841

## SQAR 103 (LOCKHEED)

### Purchase Order Requirements:

For Raw Material Suppliers and Outside Production performing special processes building to LM Aero design, verification of Engineering Materials & Approved products (EMAP) & Approved Processor List (QCS-001). Verification of purchase order flow down of all the applicable drawings, parts lists, specifications, and standards to all approved sub-tier suppliers.

This includes the following at a minimum:

All LM Aero requirements and data included with the original purchase order to the first-tier supplier.

Use of LM Aero – approved **special process** & **raw material** suppliers.

Identification of LM Aero as the end user.

All Engineering drawings, planning, specifications & standards, purchase order clauses or notes, with revision levels verified.

Identification of manufacturing process/method & special process requirements.

Identification of material type (alloy), strength (ksi), and thermal condition (e.g., heat treated, annealed, or normalized).

### Raw Material Requirements:

Copies of certified original mill test reports must accompany each shipment; transcribed mill test data will not be accepted. Original test reports and/or notarized reports, in accordance with all applicable specifications, must be kept on file by the supplier and be traceable to end item products delivered to LM Aero.

### Associated Special Product Assurance Requirements (SPARS):

AS9100 (latest revision): Quality Management System

SQR-1: Supplier Quality Requirements

SPAR-2C: Quality Control System

SPAR-4: Certification of Conformance

SPAR-8: First Article Inspection (FAI) – Valid for the 1<sup>st</sup> shipment per part number

SPAR-11A & -11B: Age Control (Applicable to RUBBER GOODS only)

SPAR-20D: Identification

SPAR-22: Lot Control & Material Traceability

### Other Requirements:

\*LM Aero Appendix QX and QJ.

\*LM Aero Quality Clause Q4R.

\*LM Aero Quality Clause Q6R.

\*Latest revision of LM Aero documents are available on the LM Aero Material Management website.

\*Manufacture per Latest Drawing Revision. (Contact Buyer for latest revision and drawing if required).

\*Supplier must use NADCAP approved special process suppliers.

### Counterfeit Parts / Materials Prevention:

Seller shall establish and maintain a Counterfeit Prevention and Control Plan (CPCP) in accordance with AS5553, ARP6328, AS6496, DFARS 252.246-7007, IDEA-STD-1010, DFARS 252.246-7008, AS6174, AS6081 and/or AS6171, as applicable.

For parts/materials to be delivered to Buyer as Work, the Seller shall only purchase from Authorized Sources of Supply.

**No Export Control** - This document contains no technical data subject to the Export Administration Regulation (EAR), 15 C.F.R. parts 730-774 or the International Traffic in Arms Regulations (ITAR), 22 C.F.R. parts 120 – 130.

The latest issue to this document is the version that is available on the GKN Transparency Systems website:  
<https://www.gknaerospace.com/globalassets/downloads/aerospace-suppliers-portal/usa/garden-grove/sqar-103-lockheed.pdf/>

**NOTE:** Authorized Sources of Supply include: The Original Manufacturer (OM) of the parts/materials, including mills and foundries, and Authorized Aftermarket Manufacturer (AAM) of the parts/materials, their Authorized Suppliers (AS), or suppliers that obtain such parts/materials exclusively from the OM/AAM/AS.

For purposes of this clause, “**Work**” consists of those parts/materials delivered under this Contract that are the lowest level of separately identifiable items (e.g., articles, components, Commercial Off-the-Shelf items, standard hardware, goods, raw materials and assemblies).

### **Facility Access:**

Regardless of Buyer’s or Buyer's Customer Point of Acceptance in this PO or whether Buyer's customer has issued a delegation for this PO, Seller shall provide or obtain access to any and all facilities where work is being performed or is scheduled to be performed for Buyer, Buyer’s customers and regulatory agency personnel, including those facilities of Seller’s agents and subcontractors, in order to perform Item inspections, surveys or system/process surveillance as part of verification of conformance to the requirements of this PO.

Seller shall ensure sampling is performed per AS9100 paragraph 8.5.1.c.2

Seller shall provide the following to Buyer, Buyer’s customers or regulatory agencies:

- Suitable facilities at Seller and Seller’s subcontractors’ manufacturing locations, and high-speed internet access.
- Seller and Seller’s sub-tier shall comply with Buyer’s inspection requirements. Product acceptance inspection may require up to 100% for all characteristics.

Seller shall include the provisions of this counterfeit material and facility access requirement in its POs with its agents and subcontractors.

### **Website:**

GKN AEROSPACE Transparency Systems (Supplier Requirements):

<https://www.gknaerospace.com/globalassets/downloads/aerospace-suppliers-portal/usa/garden-grove/sqr-1-revn.pdf/>

LM Aero (Material Management):

<https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/aeronautics.html/>

LM Aero (EMAP):

<https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/aeronautics/engineering/engineering-materials-approved-products-emap-design-support-database.html>

LM Aero (QCS-001):

<https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/aeronautics/quality-requirements/control-specs.html>

For any questions, please contact a GKN Quality Engineering Representative at (714) 653-7531