

Customer Specific Requirements

- PAC 3

Document responsibility:

If you have any queries about this document, then please contact your contracting manager within the GKN Aerospace Systems Europe and Asia (ASEA) organisation who will be able to put you in contact with the appropriate person(s).

Scope:

This Customer Specific Requirements per Programme applies to all suppliers, each of its employees, subcontractors, sub-tier supplier, consultants or agents (all referred as "**Supplier**") who provides Articles or Services to GKN ASEA and its organisations, irrespective of:

- (i) where the Supplier is located;
- (ii) the industry within which the Supplier operates;
- (iii) any certifications and/or accreditations which the Supplier may have.

This Customer Specific Requirements per Program are in addition to the Supplier Quality Assurance Requirements ("SQAR") and any other agreement or terms and conditions that may be in place between GKN ASEA and the Supplier.

Record of Revisions

Issue	Date	Summary And Reasons For Changes
0	January 01, 2020	Initial Issue

Purpose

This SQAR details specific requirements and expectations of GKN ASEA, based on the AS/EN/JISQ 9100/9110/9120 requirements. This means that the paragraph structure of this SQAR remained the same. All AS/EN/JISQ 9100/9110/9120 chapters not referenced in this SQAR document shall be interpreted as "Comply with AS/EN/JISQ 9100/9110/9120", with no additional requirements.

Any approval which GKN ASEA gives to the Supplier under or pursuant to this SQAR is solely for the purposes of ensuring that the Supplier meets the minimum quality requirements required by GKN ASEA.

GENERAL

The Supplier shall comply with:

- (a) The requirements specified in the latest revisions of each Specification called out on engineering drawings, planning, purchase order, engineering specifications, Article Data Package (ADP), Procurement Data Package (PDP) and/or other applicable design documents as supplier and/or Reference Documents

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MIL-I-45208 - INSPECTION SYSTEM; LMMFC - Note SQXA520800.

The supplier's inspection system shall comply with MIL-I-45208 "INSPECTION SYSTEM REQUIREMENTS," as a minimum. The supplier's inspection system shall be subject to random audits and approval by Lockheed Martin Quality representatives at all reasonable times for all shifts and locations in which articles are produced under order of this program. Unless otherwise specified, Material Review Board (MRB) authority is NOT delegated to the supplier. All decisions to "REPAIR" or "USE-AS-IS" and all "STANDARD REPAIR PROCEDURES" utilized by the supplier in the performance of this order require buyer approval prior to the implementation. Expressions used herein are as defined in MIL-STD-1520.

Rated Order

This is a "Rated Order" certified for National Defense use under the system regulation (DPAS). A DPAS rating of DO-A2 applies. You are required to follow all provisions of the Defense Priorities and Allocations System regulation (15 CFR 700). All such rated Purchase Orders must be acknowledged as follows: DO rated Purchase Order must be acknowledged (or rejected) within 7 working days after Purchase Order receipt. Rejection of DO Orders must be in writing, giving the specific reason for the rejection. Commencement of performance of the work called for by this Purchase Order in the absence of Suppliers written acknowledgement thereof shall be deemed acceptance of this Purchase Order as written. More information about the DPAS rating can be found on the next website:

<http://guidebook.dema.mil/38/DPAS%20Guidebook.htm>

It is Suppliers own responsibility to take cognizance of the above mentioned regulation.

Product and Process requirements - LMMFC- QN 890

The supplier shall have a Process Control Document (PCD) for all key process parameters and key product characteristics. The seller shall use the approach defined in AS9103 for identification of key characteristics and process parameters and for development of the PCD or an equivalent control plan format. A single PCD may apply to a family of products produced by the same process provided that all unique areas are delineated. The PCD shall be submitted for buyer review and approval.

Technician Certification - LMMFC SOR

Some of the drawings contained in this contract require work to be performed IAW a Lockheed Martin process specification by a Certified Technician. The following specifications, which are called out on the face of the drawing where applicable, include but may not be limited to: (a) 508-8-260 Process Specification for Bonding and Potting with Epoxy Paste Adhesive (b) 508-13-204 Process Specification for Installation of Heli-Coil Brand Helical Coil Inserts (c) 508-6-177 Process Specification for Sealant Application (d) 508-11-61 Process Specification for Harness Installation (e) 508-14-19 Process Specification for Ultrasonic Inspection (f) 508-7-303 Process Specification for Machining and Drilling of Composites (g) 508-4-10 Process Specification for Isostatic Pressing (h) 508-13-241 Process Specification for Nutplate Installation

First Pass Yield - LMMFC SOR

First pass yield is the number of conforming units produced divided by the total number of units processed over a specific period of time, with conforming units satisfying all applicable requirements without evidence of failure, rework or repair. The Supplier shall collect yield data at major process steps in the fabrication, assembly and test of their supplied hardware. This information should be shared with GKN ASEA on request.

For any process that has a yield of less than 75%, the Supplier shall submit the yield information and the a causal analysis (root cause) for the problem area and corrective action. The following is the GKN ASEA's suggested First Pass Yield Data Format.

Part Name or Operation	P/N (if applicable)	Manufactured	Accepted	Rejected	Reject %	Yield %
Part X	1xxxxxxxxx	100	92	8	8	92%

Note: not applicable for Standard Hardware, Commercial-Off-the Shelf parts (COTS) and Raw Material

Preservation and Packaging - LMMFC - QN 856

Preservation, packaging and packing of all deliverable goods shall be in accordance with the latest revision of ASTM D3951, Standard practice for commercial packaging, unless other requirements are specifically specified in this order. Prohibited Materials: Pink Poly IAW ANSI/ESD S541 shall not be used for shipments to Lockheed Martin. This also includes when packaging Waffle Packs or Waffle Trays, the insertion of Pink Poly is not allowed (due to contamination issues).