



# Supplier Quality Assurance Requirements (SQR)

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1. Revision History

2. Revision	Date	Changes
1	16/10/2024	Complete Rewrite

3. Contact details for FSL Aerospace Ltd supplier Quality

FSL Aerospace Quality  
 Email: [qualitydepartment@fslaerospace.co.uk](mailto:qualitydepartment@fslaerospace.co.uk)  
 Phone: +44 (0) 1895 817 634  
 Website: [www.fslaerospace.co.uk](http://www.fslaerospace.co.uk)

4. Definitions

“FSL” means FSL Aerospace Ltd.  
 “Supplier” means the provider of the goods.  
 “Order” means the Purchase Order (PO).  
 “Goods” means products, as specified.  
 “Services” means intangible, as specified.  
 “Invoice” means Tax Invoice as per the Goods and Services Tax Act.  
 “Law” means the laws of England and Wales.  
 “Lot Traceable” Means the ability to trace a batch of manufactured goods back to the raw material.  
 “Raw Material” Means the material used for the manufacture of finished article.

5. Scope

The requirements of this document apply to all suppliers that furnish product, material, processes, and or services to FSL as a contractual requirement regardless of Supplier’s industry, regulatory accreditation, or certification status, and each Supplier shall be responsible for flow down to ensure that all members of its supply chain comply with the requirements set forth herein.

6. Site Access

Access to the Supplier’s premises by FSL/FSL's Customer Quality Assurance Representatives and/or regulatory authority representatives shall be allowed for the purpose of observation, audit or inspection of any work and pertinent documents relating to the order. The Supplier shall be required to provide adequate accommodation and/or services such that the representative can conduct his official duties.



**7. General Requirements**

Any changes to the Order, unless agreed by FSL in writing, will not be binding on FSL.

All goods and services supplied which are sourced by a sub tier Supplier, must be made and supplied in accordance with **all** of the requirements of the FSL purchase order and all of the requirements must be flowed down to the sub tier Supplier(s).

**8. Revision/Issue control**

The supplier shall ensure that the latest drawing/specification revision is used unless otherwise mutually agreed, or requested by FSL, in writing.

It is the responsibility of the Supplier to notify FSL, in writing, in the event of a process change that would affect the compliance of a product to drawing/standard.

**9. Organisational changes**

It is the responsibility of the Supplier to notify FSL, in writing, of any organisational changes to personnel responsible for their Quality Management System.

**10. Calibration & maintenance of equipment**

The supplier shall maintain a calibration system for all inspection and test equipment used to determine the conformity of product; in accordance with AS / EN 9100 or ISO 9001.

The Supplier must maintain a preventative planned maintenance schedule for the tooling that is used on the Supplier's site.

**11. Shelf Life**

If product has a limited shelf life, the Supplier must ensure that at least **80%** remains upon delivery, unless stipulated on the order.

The manufacture/cure date and the expiry date must be advised on the Supplier's advice note and certification.

**12. Packaging and Preservation of Product**

All goods must be packed, marked, and transported as specified in the Order, and be packed in a suitable way to prevent damage or deterioration during transit to FSL. Preservation of product shall include but not limited to the following requirements:

- Cleaning
- Prevention, detection, and removal of foreign objects FOD
- Special handling and storage for sensitive products
- Marking and labelling, including safety warnings and cautions
- Shelf-life control and stock rotation
- Special handling and storage for hazardous materials

When packaging parts, the use of staples is prohibited due to the potential for FOD/FoD.



13. **Certification**

Certification requirements will be as stipulated on the Order. A legible and reproducible copy of the requested certification(s) must accompany the shipment.

Certification Code	Description
CERT00	None
CERT01	Commercial Certificate of Conformity Required
CERT02	Lot Traceable Certification Required
CERT03	Lot Traceable Certification with Manufacturers Certificate Required
CERT04	Lot Traceable Certification with Manufacturers and Raw Material Certificate Required
CERT05	Lot Traceable Certification with Raw Material Certificate Required
CERT06	Full chain of Certification back to Manufacturer Required
CERT07	Full chain of Certification back to Raw Material Required
CERT08	Airbus Release with Full Chain of Certificates back to Manufacturer Required
CERT10	FSL'S F.A.I.R. Required
CERT12	3.1 Certificate Required
CERT13	8130 FAA Certification Required
CERT14	JAA Form 1 Certification Required
CERT19	Full chain of certification back to Raw Material required. Metallic Raw Materials cannot be sourced from the Peoples Republic of China
CERT20	Safran Power UK FAI report, i.a.w. standard PO-10-04, must be supplied on form 11-185
CERT21	Goodrich Motor Drives (UTC) FAIR I.A.W standard MDS11-10-04.

**Full certificate descriptions are defined in "FSL Certification Requirements" Copies available on request**

14. **Airbus Release**

Where the Order states "Airbus Release" the Supplier must ensure that the manufacturer is Airbus approved for the part and all suppliers within the chain of supply (stockist & distributors) hold AS / EN 9100 series approval at the time of order.

15. **Rubber products**

Rubber products shall be packaged and meet the requirements of BS 4F 68 and BS 3F 69(or equivalent standard), and be individually packaged, unless stipulated on the order.

16. **Sample Inspection**

The suppliers Sampling plans shall be in accordance with BS6001 or AS9138 with the exception that lot acceptance will always be "accept on zero, reject on one".

17. **Certificate of Conformity**

At a minimum, the certificate of conformity shall include the following:

- Supplier Name and Address
- FSL Purchase Order Number
- Quantity Shipped
- Country of Origin (COO)
- FSL Part Number
- Drawing Number (when applicable)
- Drawing Revision (when applicable)
- Serial Number (when applicable)
- Processes performed, required by drawing, specification, or purchase order (when applicable)
- Lot/Batch number, if not serialised (when applicable)
- Export classifications (when applicable)
- Shelf Life; Cure/manufactured date and expiry, or group (when applicable)
- Statement of conformity with Signature and title of authorised representative



18. **Conflict Minerals**

The Supplier must advise FSL in writing when they have knowledge of any “conflict mineral” being used in the manufacture of the product being supplied, including but not limited to, Tin, Tantalum, Tungsten, or Gold sourced from the Democratic Republic of Congo, or its’ neighbouring Countries. The supplier shall have a Policy or Procedure in place to ensure any changes to the Dodd Frank’s regulatory requirements are reviewed and abided by and is flowed down to their supply chain.

19. **Modern Slavery/Ethics**

The supplier shall be able to demonstrate compliance to industry wide policies including but not limited to: Anti-slavery, Anti Bribery & human trafficking.

Any rework/repair procedures/operations require specific authorisation approval by FSL.

20. **First Article Inspection Reports**

It is the responsibility of the Supplier to provide a First Article Inspection (FAI) Report in accordance with AS 9102. Reports shall be submitted on FSLs First Article Inspection template. Copies available on request.

The supplier shall perform a full FAI or a partial FAI if any of the following conditions occur:

- First time product is manufactured for production.
- A change in the design affecting fit, form, function and/or interchangeability of the part.
- A change in manufacturing source(s), process(es), inspection method(s), location of manufacture, tooling, or materials.
- A change in numerical control program or translation to another media that is utilized to produce end item parts.
- A natural or man-made event, which may adversely affect the manufacturing process.
- A lapse in production for two years, or as specified by the customer.

Items to be Included in the First Article Package

- Copies of deviations/concessions (when applicable)
- Manufacturers Certificate of Conformance
- Raw material Certificate of Conformance
- Supplier’s Certificate of Conformance
- Lower-level part(s) Certificate of Conformance (when applicable)
- Software test results (When applicable)
- Assembly / and or subassembly First article inspection reports (When applicable)
- CMM Reports (When applicable)
- Route Card (When applicable)
- Inspection Sheets (When applicable)
- Special Process approval certificates (When applicable)
- Completed FSL AS9102 checklist & Forms 1, 2 & 3

21. **Acceptance authority media**

When acceptance authority media are used (e.g. stamps, electronic signatures, passwords), the organization shall establish appropriate controls for the media.

22. **Product safety**

It is the responsibility of the Supplier to notify FSL of any product safety requirements relating to the product or services supplied.

23. **Document Retention**

Where a product is ordered by FSL, with traceability, it is a requirement that the Supplier retains records in any media form chosen, for a minimum period of 25 years. Alternatively, supply FSL all relevant documentation at the point of delivery.

Prior to disposal of any record relating to traceable certification of a product, the Supplier shall seek written approval from FSL.

Records must remain legible, readily identifiable, and retrievable.



24. **Deviations and Concessions**

If the supplier cannot adhere to the purchase order requirements, including the terms stipulated within this document, a deviation or concession must be submitted to FSL quality in writing and accepted prior to the shipment of the goods & or service. Failure to do so will result in rejection of the product/service. Forms available upon request

25. **Counterfeit Product**

The supplier shall establish and maintain a Counterfeit Parts Prevention/Avoidance and Control Plan using Industry Standard AS5553 (Counterfeit Electronic Parts; Avoidance, Detection, Mitigation and Disposition) and AS6174 (Counterfeit Material; Assuring Acquisition of Authentic and Conforming Material) as guidelines. The process shall be to prevent and control the delivery of counterfeit parts, while ensuring suspect parts do not re-enter the supply chain.

26. **Export Regulations**

The Supplier shall comply with all applicable Export Regulations. I.e. International Traffic In Arms (ITAR) or Export Administration Regulations (EAR). The Supplier shall be responsible for obtaining any required license, to export or re-export the product and its associated technical data and advising FSL on the product certification, if a license/restriction applies.

27. **Foreign Object Damage/Debris**

FOD includes but not limited to; loose hardware, tools, parts, swarf, broken hardware parts, debris, paper clips, rags, rubbish, paperwork and even wildlife.

The Supplier shall maintain a Foreign Object Damage/Debris control program in line with AS9146, assuring work is accomplished in a manner preventing foreign objects or material from entering and remaining in deliverable items.

28. **Notification of escaped defects**

When the Supplier identifies or becomes aware of a suspect or counterfeit product/service that has escaped from the Supplier's facility to FSL, the Supplier shall notify FSL within 72 hours. The Notification shall be in writing, addressed to FSL, on the Supplier's own letterhead.

**NOTE: For escapes that affect "Safety of Flight" (i.e., controls) the Suppliers shall submit all available information IMMEDIATELY.**

In the event of non-conforming product, the Supplier shall be responsible for any risk and costs involved with the return.

29. **Obsolescence and Last Time Buy Notification**

The Supplier should inform FSL in writing, of any product that is known to be the subject of obsolescence, giving a last time buy notification date.

30. **UK REACH Compliance**

Suppliers must ensure compliance with UK registration, evaluation, authorisation, and restriction of chemicals (REACH) regulations. More information can be found on the web (<https://www.cia.org.uk/reachready/> or <https://echa.europa.eu>). For any item containing SVHC in excess of 0.1% by weight, FSL require a safety data sheet to be supplied with the product and certificates. Any item on the authorization list must only be used with the correct authorisation after the sunset date.

31. **Hazardous materials**

Suppliers shall comply with relevant Control of Substances Hazardous to Health (COSHH) requirements when supplying product to FSL and shall supply Manufacturers Data Sheets (MSDS) upon request.



32. **Warranty**

The Supplier warrants that the goods and services supplied shall conform to the specifications on the Order and be free from defects, copyright, and patent infringements.

The Supplier warrants and represents that all goods and services supplied will be free from all defects in design, workmanship, and materials, and comply with the certification provided.

All goods provided should be new and unused, unless otherwise agreed by FSL in writing.