



SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

Supplier Quality Requirements

Revision Number: **007**

Release Date: June 06, 2017

Approved by: John McCutcheon Revised by: John McCutcheon May 19, 2017
Insert Name Insert Name DATE

Contents

1. Purpose.....	1
2. Terms and Definitions.....	1
3. Supplier Quality Assurance Clauses (SQAC).....	2
4. SQAC Usage Guidelines	7
5. Quality Records.....	8
6. Revision Log:.....	8
7. Appendix A	9
8. Appendix B.....	9

1. Purpose

Materials or services provided in accordance with [Cormer](#) Purchase Orders (PO) from Production Suppliers (a supplier whose product or service directly affects the quality of a product delivered to our customers) must be in accordance with the requirements outlined in the Supplier Quality Assurance Clauses.

2. Terms and Definitions

Aerospace Standards: A standard part is a part or material that conforms to an established industry, Defense, or Government-published specification. The FAA’s or Transport Canada’s acceptance of a standard part as an approved part is based on the certification that the part has

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

been designed and produced in accordance with an independent established set of specifications and criteria (E.g. SAE).

Defense Land System Standards: A Defense standard is a part, product or material that conforms to an established industry, Defense, or Government-published specification products that meet the characteristics of commercial catalog items. Typically products conform to the producer's own drawings, specifications, standards and quality assurance practices and shall be the same as offered for sale in the commercial market.

3. Supplier Quality Assurance Clauses (SQAC)

QAC1 The Supplier shall comply with the requirements of ISO9000, AS9100 or QS9000, or the supplier shall have a Quality system, which demonstrates an effective management system. Your system may be audited or evidence of compliance requested.

Where Cormer Group or its customer intends to perform verification at the supplier's premises, Cormer Group will state the intended verification arrangements and method of product release in the Procurement information.

Where specified in the contract, the customer or the customer's representative shall be afforded the right to verify at the supplier's premises and the Cormer Group's premises that subcontracted product conform to specified requirements.

QAC2 Documentation Requirements: Records of manufacturing and inspection/test results shall be maintained and stored by supplier for a minimum period of ten (10) years, after completion or termination of order. FAI reports shall be retained for not less than 10 years past the date of the last product shipped, covered by the FAI.

Note: Any Product documentation related to Magellan shall be maintained and stored by the supplier for a minimum period of 20 years past the date of the last product shipped.

Contact the Cormer Buyer for clarification.

QAC3 Documentation Requirements: Records of manufacturing and inspection/test results shall be maintained and stored by supplier for a minimum period of ten (10) years, after completion or termination of order.

QAC4 Certificate of Conformance: One (1) copy shall accompany each shipment. The Certificate of Conformance shall list Cormer Group's PO number, all parts and all their batches, lots, serial numbers, heat lot or special process lots in the shipment. The Certificate of Conformance shall state that parts, materials or special processes listed on the Certificate

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

of Conformance meet all purchase order requirements or words to this effect and that the applicable records are on file subject to examination.

QAC5 Certificate of Analysis or Certificate of Material: The Supplier shall forward test documentation which verifies that the material or components in Purchase Order meet all drawing and specification requirements. The supplier shall submit one (1) copy of this analysis documentation with the shipment, unless the drawing or specification does not specify the material.

QAC6 Corrective Action response: Discrepancies identified by Cormer Group will result in an NCR being forwarded to the Supplier. Upon receipt of an NCR, the Supplier agrees to provide a Corrective Action response within 10 working days upon receipt, unless an extension is otherwise provided by Cormer. This response shall include Containment Action(s), Root cause of the defect and corresponding Corrective Action(s).

QAC7 First Article Inspection (FAI) Report: FAI is required prior to Cormer's acceptance of the first production shipment. FAI shall be performed in accordance with the AS9102 Standard. The FAI report is to list all drawing characteristics (i.e., dimensions, notes, materials/process requirements, etc.), any additional requirements (e.g. OPSP, OPSD, CCS, CCR, PO, Specifications etc.) and shall show evidence of verification that these requirements are met through inspection and these inspections are recorded on the FAI. The Supplier is to provide with the first shipment of products, a copy of the FAI report, Certificate of Conformance and Test reports for all material and any special processes used to manufacture the products. In the event of a rejection, a delta FAI report will be required on the next lot manufactured for those characteristics found to be nonconforming. A new FAI report is required for product fabricated from tooling, programming, or processes which have been inactive for a period greater than two years.

Cormer requires that the provisions/requirements set forth above be included in Supplier's direct supply contracts as well as the obligation that they be flowed to the sub-tier supply chain.

Note 1: The certificate of conformance for first product shipped must include a special note to indicate that an acceptable F.A.I. is on file and is available for review upon request.

Note 2: [If the Supplier is a distributor, an OEM/End User Customer authorized Manufacturer Representative FAI report must be sent with the first delivery. Contact your buyer for any required clarification \(Reference: AS9100 Rev. D Section 8.1.4 Prevention of Counterfeit Parts and Cormer Terms & Conditions\).](#)

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

- QAC8** Supplier or Sub-tier Suppliers for material supplied on this Purchase Order must be a Customer approved source (E.g. Boeing D1-4426). Any change or limitations in status of approval must be communicated to Cormer Group immediately. [See Appendix B for applicable links for applicable Customer approved Sources and/or Contact your buyer for clarification.](#)
- QAC9** Source Inspection is required for this part. Notify the Cormer Group Quality Manager with the completion schedule, so the appropriate planning for source inspection can be arranged and accomplished.
- QAC10** By accepting this Purchase Order, Supplier certifies that the listed product conforms to originally supplied [and approved](#) first article Certificate of Conformance.
- QAC11** This material requires testing at a BOEING Approved Laboratory. Supplier is to send with each shipment a copy of the Laboratory Tests Reports, which have been performed at a BOEING approved lab. Supplier is also required to carry out the purchaser Acceptance Tests detailed in the material's specifications. These Acceptance Tests are to be carried out and certified at an approved BOEING laboratory or carried out at another Laboratory and approved by an appropriately certified BOEING Source Inspector with this Inspectors Quality stamp of acceptance on the Lab test Report; where applicable (Contact the Cormer Buyer for clarity [if the end used customer is not clearly stated](#)).
- QAC12** Supplier agrees that where special processes are required that these processes are procured by the Supplier from sources Nadcap approved and where applicable on the OEM/End User approved source listing (e.g. Boeing D1-4426 and Bombardier Approved Suppliers Listing).
Contact the Cormer Buyer for clarity and [see Appendix B for OEM/ End User approved source listings.](#)
- QAC13** The Supplier shall immediately notify Cormer in writing of any change to the quality control system that may affect the inspection, conformity or airworthiness of the product. After the issue of initial Cormer quality system approval, each change to the quality system is subject to review by Cormer.
- QAC14** Certificate of Conformance: One (1) copy shall accompany each shipment. The Certificate of Conformance shall list Cormer Group's PO number, BOEING Fastener designation where Applicable (i.e. BAC or Contact the Cormer Buyer for clarity), the Manufactures Batch #, Test reports and Manufacturers Certification of Conformance. The Certificate of Conformance shall state that fasteners listed on the Certificate of Conformance meet all

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

purchase order requirements or words to this effect and that all applicable records are on file subject to examination.

QAC15 Supplier will provide right of access to Cormer Group, Cormer Group's customer, and regulatory authorities to all facilities involved in the order and to all applicable records.

QAC16 Supplier will flow down to sub-tier suppliers the applicable requirements in the Procurement documents, including Variation Management of key characteristics where applicable.

QAC17 North American High Strength Fasteners

All high strength fasteners offered for sale to Cormer shall conform to the requirements of GDLS Form 4496. Bulk fasteners shall include the Declaration (GDLS Form 4496, Appendix A) or Certification (Form 4496, Appendix B) in the FPI/PPAP submission.

Fasteners offered for sale to Cormer within assemblies shall conform to the following sections of GDLS Form 4496:

A) No high strength fasteners are contained within the assembly. The FPI/PPAP submission shall include a declaration (Form 4496, Appendix A), or

B) High strength fasteners are contained within the commercial item assembly. The FPI/PPAP submission shall include a certification (Form 4496, Appendix C) stating that the supplier's quality control system for fasteners meets the intent of Form 4496, section 2.0, or

C) High strength fasteners are contained within the non-commercial item assembly. The FPI/PPAP submission shall include a certification (Form 4496, Appendix D) stating that the supplier's quality control system for fasteners meets all the requirements of Form 4496, section 2.0.

See SQR-001 Appendix B below for the weblink for the GDLS Form 4496.

QAC18 Supplier will review and comply with DPD requirements for Boeing D6-51991 and/or for UTC Aerospace/Goodrich ASQR-07.5, where applicable.

QAC19 First Article Inspection (FAI) Report: FAI is required prior to acceptance of the first production shipment. The FAI shall be performed in accordance with the AS9102 Standard. The FAI report is to list all drawing and any additional requirements (e.g. QAP's, ECO, CCR, PO, Specifications, etc.) and to show proof that these requirements are met through inspection and these inspections are recorded on the FAI. In addition, the Supplier is to provide with the first shipment of product, a copy of the FAI report,

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

Certificate of Conformance and Test reports for all material and any special processes used to manufacture the products. In the event of a rejection, a delta FAI/PPAP report will be required on the next lot manufactured for those characteristics found to be non-conforming. A new FAI report is required for product fabricated from tooling, programming, or processes which have been inactive for a period greater than one 1 year.

Note: If the Supplier is a distributor, an OEM/End User Customer authorized manufacturer representative FAI report must be sent with the first delivery. Contact your buyer for any required clarification (Reference: AS9100 Rev. D Section 8.1.4 Prevention of Counterfeit Parts and Cormer Terms & Conditions).

- QAC20** Supplier shall provide written notification to Cormer Group within three (3) days when a nonconformance is determined to exist, or is suspected to exist, on product already delivered to Cormer under any order and the following is known:
- a) Affected process or product number and name
 - b) Description of the problem (i.e. what it is and what it should be)
 - c) Quantity and dates delivered
 - d) Suspect/affected serial numbers(s) or date codes, when applicable.
- The Supplier shall notify the Cormer procurement representative and/or Cormer quality assurance representative for the Cormer location where the product was delivered.
- QAC21** The Supplier is to control variation of drawing and/or Cormer identified Key Characteristics through the applicable Continuous Quality Improvement principles of AS9103. The control plan (or equivalent) shall be maintained on file at the Suppliers facility and be readily available for review.
- QAC22** When specifically requested by Cormer, the supplier shall make specified quality data and/or approved design data available in the English language. The supplier shall maintain an English Language translation of:
- its quality manual, and
 - an index of all other supplier procedures that contain quality requirements
- Cormer may require the supplier to translate additional documentation.*
- QAC23** The Supplier shall immediately notify Cormer in writing of any change to the quality control system that may affect the inspection, conformity and/or Fit-Form-Function of the product. After the issue of initial Cormer quality system approval, each change to the quality system is subject to review by Cormer.

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

QAC24 This procurement is under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700 quality system supplier control program, where applicable (**i.e.** Cormer part number with Prefix 253 or BAC or Contact the Cormer Buyer for clarity)

THE SUPPLIER WILL PLACE THE FOLLOWING STATEMENT WITH ALL SHIPMENTS:

"Supplier 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."

Boeing requires that the provisions/requirements set forth above be included in Supplier's direct supply contracts as well as the obligation that they be flowed to the applicable sub-tier supply chain.

Contact the Cormer Buyer for clarity if the end used customer is not clearly stated.

4. SQAC Usage Guidelines

Usage Guideline for application of Supplier Quality Assurance Clauses (SQAC) on Method/Purchase Order:

Please use the following format for the usage of QAC on the Bill of Material (BOM) in Method and Purchase Order ~ Sample for Aerospace Materials:

SUPPLIER QUALITY REQUIREMENTS: *Goods on this order must conform to the "AEROSPACE MATERIALS" clauses per SQR-001.*

Defense Contracts (Equivalent to Defense Repair & Overhaul, Gen 2.0/3.0)

QAC1, QAC3, QAC4, QAC5, QAC6, QAC10, QAC13, QAC15, QAC16, QAC17, QAC19, QAC20, QAC22, QAC23.

Defense Land System Standards

QAC1, QAC3, QAC4, QAC6, QAC13, QAC15, QAC16, QAC17, QAC20, QAC22, QAC23.

Agriculture Contracts

QAC1, QAC3, QAC4, QAC19, QAC20.

Aerospace Standards

QAC1, QAC2, QAC6, QAC12, QAC13, QAC14, QAC15, QAC16, QAC18, QAC20, QAC22, QAC23, QAC24.

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

Aerospace Parts

QAC1, QAC2, QAC4, QAC5, QAC6, QAC7, QAC10, QAC12, QAC13, QAC15, QAC16, QAC18, QAC20, QAC21, QAC22, QAC23, QAC24.

Aerospace Materials

QAC1, QAC2, QAC4, QAC5, QAC6, QAC8, QAC12, QAC13, QAC15, QAC16, QAC18, QAC20, QAC22, QAC23, QAC24.

Sealant & Finishes (Includes Ink) – Aerospace Contracts

QAC1, QAC2, QAC4, QAC5, QAC6, QAC11, QAC12, QAC13, QAC15, QAC16, QAC18, QAC20, QAC22, QAC23, QAC24.

Special Processes

QAC1, QAC2, QAC4, QAC5, QAC6, QAC8, QAC12, QAC13, QAC15, QAC16, QAC18, QAC20, QAC21, QAC22, QAC23, QAC24.

Aerospace NC & CMM Programming and Aerospace Manufacturing

QAC1, QAC2, QAC4, QAC6, QAC7, QAC10, QAC13, QAC15, QAC16, QAC18, QAC20, QAC21, QAC22, QAC23, QAC24.

Finishes (Includes Ink) – Defense Contracts

QAC1, QAC3, QAC4, QAC5, QAC6, QAC13, QAC15, QAC16, QAC20, QAC22, QAC23.

5. Quality Records

N/A

6. Revision Log:

Rev. #	Date	Reason for Change
NEW	July 19, 2011	Revised completely with format change. Replaces Appendix A, QA-08, Procurement
Rev. 1	April 13, 2012	Revised to incorporate amended Boeing BOCW-5000 Rev. 13 (Mar22, 2012) and Goodrich Supplier Quality requirements per QA-111, Sec. 2.
Rev. 2	Nov 05, 2012	Revised to incorporate amended UTC Aerospace/Goodrich Supplier

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

		Quality requirements per QA-111, Section 2 Addendum J, regarding DPD.
Rev. 3	Nov 30, 2012	Updated Defense Contracts to include QAC5. Added clarification to QAC8 to include Sub-tier Suppliers.
Rev. 4	Dec13, 2012	Added Magellan Record retention requirements to QAC2.
Rev. 005	Nov 06, 2013	Added Defense Standards, QAC22, QAC23, QAC24, Appendix –A- & -B- and clarification of record retention requirements, and customer approvals. SQAC guidelines have been amended accordingly.
Rev. 006	May 18, 2016	Revised QAC7 & QAC19 for clarity and removed PPAP allowance, QAC18 revised UTAS/Goodrich requirements, Aerospace NC & CMM Programming and Aerospace Machining changed to Manufacturing . Changed Process owner from Procurement Manager to Quality Manager.
Rev. 007	May 19, 2017	Revised to remove Customers Prefix no longer used, removed Defense Repair and Overhaul, Gen 2.0/3.0 QAC listing, Added note for distributor FAI's. Removed appendix A.

7. Appendix A

N/A: Obsolete Prefix

8. Appendix B

OEM/ END USER FORMS:

- **GDLS North American High Strength Fastener Form:**
<http://www.gdlsCanada.com/images/pdf/Suppliers/F3-4496.pdf>

OEM / END USER APPROVED SOURCE LISTINGS:

- **BOEING Approved Source Listing D1-4226:**
<http://active.boeing.com/doingbiz/d14426/GetAllProcessors.cfm>

SQR-001
Supplier Quality Requirements

OWNER:
Quality Manager

- **BOMBARDIER Approve Supplier Listing:**
<http://www.bombardier.com/en/aerospace/suppliers.html>
- **AIRBUS Approved Supplier Listing:**
<http://www.airbus.com/tools/airbusfor/suppliers/>