



SRCTec, Inc.
SUPPLIER QUALITY CLAUSES (SQC'S)

01 SOURCE INSPECTIONS

A1. Level 1: Government Source Inspection (GSI)

Government Source Inspection is required prior to shipment from your facility. Upon receipt of this purchase order, notify the government representative who services your facility. If a government representative cannot be located, contact the SRCTec Procurement Department immediately. Evidence of GSI (e.g. DCMA Eagle Stamp signifying product acceptance) must accompany each shipment.

A2. Level 2: Government Source Inspection (GSI)

Government process monitoring and inspection is required. Evidence of GSI (e.g. DCMA Eagle Stamp signifying product acceptance) is not required prior to shipment of this product. Upon receipt of this purchase order, notify the government representative who services your facility. If a government representative cannot be located, contact the SRCTec Procurement Department immediately.

B. Customer Source Inspection

Source Inspection by a SRCTec non-government customer is required prior to shipment from your facility. Notify SRCTec Procurement Department a minimum of 15 days prior to shipment for scheduling purposes.

C. SRCTec Source Inspection

SRCTec, Inc. Source Inspection is required prior to shipment from your facility. Evidence of SRCTec Source Inspection must accompany each shipment. Notify SRCTec Procurement Department 5 days prior to shipment for scheduling purposes. SRCTec reserves the right to waive Source Inspection. If so, the SRCTec Quality Assurance Department will notify the supplier in writing. Include copy of notification with shipment papers.

* The supplier is responsible for assuring that products are ready for SRCTec source inspection at the scheduled time. The Supplier's readiness includes making available all inspection and test documentation, including the P.O and drawings, inspection/test equipment, and necessary personnel required to complete the source inspection.

07 MATERIAL SAFETY DATA SHEETS

A. Supplier shall furnish a legible copy of the most recent Material Safety Data Sheet (MSDS) as published by the original material manufacturer.

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08 RE-SUBMISSION OF PRODUCT

D. Failure analysis is required for all returned material, both RTV - Other and RTV – Debit. Details shall be recorded on the SRCTec “Failure Analysis Inquiry Log”, found on the SRCTec website at <http://www.srctecinc.com>. Suppliers shall submit FAIL form prior to re-submission of the product, or within 30 days for RTV – Debits that are not planned to be resubmitted. The 30 day period starts from the day it is received at the supplier. Please send the form electronically to supplierqa@srctecinc.com.

09 INSPECTIONS/TEST DATA

A1. Level 1: Delta First Article Inspection

FASA, sample(s), and supporting data submitted to SRCTec.

A2. Level 2: Complete First Article Inspection

FASA, sample(s), and supporting data submitted to SRCTec.

A3. Level 3: Documentation/Other First Article Inspection

FASA only, submitted to SRCTec.

A4. Level 4: Complete First Article Inspection

FASA, sample(s), and supporting data reviewed at suppliers manufacturing location.

B. First Article Inspection Sample Part

The supplier is required to keep 1 sample (identified properly) at their facility for the life of the product or until another FAI is required, at which time they shall contact SRCTec for direction as to the previous revision sample SRCTec considers this SRCTec property and must be readily available.

D. Test Data

Test data will be captured electronically and stored on a network server. A backup procedure shall be in place for this server.

It is agreed that test data will be supplied to SRCTec upon request. The Certificate of Compliance or shipping documents shall state “Test Data available upon request”.

If test data is not captured electronically, then the test data must be stored in an area that prevents loss, damage, or deterioration. Suppliers shall make the records available within 2 business days from the request date.

E. Critical to Function (CTF) - Electrical

All characteristics/features identified as CTF must be integrated into the Product Acceptance Test (PAT) for the final assembly. Each characteristic/feature’s measurement system must be analyzed for measurement variation and those results along with the PAT must be submitted to SRCTec for review and approval. Once approval has been granted the PAT will be “frozen”. 100% test is required. Changes to the PAT must be submitted to SRCTec for review and approval prior to incorporation.

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F. Critical to Function (CTF) - Mechanical

All characteristics/features identified as CTF must be 100% inspected. If Gage R&R, process stability, and capability can be demonstrated, SRCTec will authorize a sampling plan.

11. CUSTOMER-OWNED MATERIAL

A. Direct-Shipped Material

The supplier shall maintain certifications from the original seller/manufacturer for all material supplied by SRCTec, but direct-shipped to the supplier. The certifications shall be made available to SRCTec upon request. The supplier shall certify that the direct-shipped material was used in the manufacture of the product supplied under this Purchase Order. The supplier must provide complete traceability for all SRCTec-owned materials, including Work Order number and Purchase Order number on the supplier's C of C.

B. Customer-Furnished Material

The supplier shall certify that any material supplied by SRCTec was used in the manufacture of the product supplied under this Purchase Order. The supplier must provide complete traceability for all SRCTec-owned materials, including Work Order number and Purchase Order number on the supplier's C of C.

14. LIMITED-LIFE MATERIAL

A. The supplier shall identify each item, package, or container with the manufacturing date, shelf-life expiration date, or cure date, as applicable. In no case will material be accepted with more than 20% of its useful life expired.

15. TRACEABILITY IDENTIFICATION

A. Serial Number Traceability

The supplier shall maintain traceability of product supplied under this Purchase Order by marking with a serial number. If a serial number format is not defined on the drawing(s), Statement of Work, or Purchase Order, then the supplier shall use their standard serialization process to generate the serial numbers.

B. Product – Lot Number or Date Code Traceability

The supplier shall maintain traceability of product supplied under this Purchase Order by marking the product (each part) with lot number or date code. If there is a conflict between the drawing and this clause, the drawing shall take precedence.

C. Packaging – Lot Number or Date Code Traceability

The supplier shall maintain traceability of product supplied under this Purchase Order by marking the packaging with lot number or date code. If there is a conflict between the drawing and this clause, the drawing shall take precedence.

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16. PACKAGING

B. Electrostatic Discharge Protection

The product supplied under this Purchase Order requires the use of Electrostatic Discharge (ESD) protective packaging. ESD protective packaging and package markings shall be in accordance with the drawing and this clause. If there is a conflict between the drawing and this clause, the drawing shall take precedence.

The outer surface of the protective package for each electrostatic discharge sensitive (ESDS) part, shall be marked with an ESD caution symbol (reference EOS/ESD S8.1), notifying material handlers that ESDS items are contained inside. Pictures displayed below are acceptable examples:



18. COMPONENT LIFECYCLE MANAGEMENT

A. The supplier shall notify their SCRTEC Supply Chain Lead, in writing, within 10 working days upon learning of a parts obsolescence issue that will affect the support of the supplied product. Any such notification shall be accompanied by 1) a concise problem statement, 2) background data, and 3) specific recommendations to mitigate the problem.

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As part of the recommendations, the supplier shall propose alternative cost-effective trade-offs. The trade-off analysis shall include, but not be limited to:

- Determine candidates for End-of-life buys
- In-house or other vendor re-manufacture of parts
- Component re-design, development of alternate parts, trade studies, make/buy decisions
- Use of next higher assemblies

The supplier shall provide their SRCTec Supply Chain Lead with a quarterly report regarding lifecycle analysis and lifetime buyout recommendations.

19. SOFTWARE/FIRMWARE

- A.** If the product that is being supplied contains software and/or firmware and there is a need to change it, you must complete a Request for Change Authorization (RCA) per the SRCTec Supply Chain Manual. The completed RCA and the software and/or firmware must be submitted to your SRCTec buyer via conventional mail (SW/FW on disk). The file must be revision controlled and traceable to the date of the change and accompanied with a Version Description Document (VDD). **AT NO TIME IS SOFTWARE TO BE DELIVERED TO ANYONE OTHER THAN THE BUYER!**

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Revision History:

Revision	Date	Description
A	6/28/06	Initial Release
B	8/07/06	Added Revision History Block. Changed QMS-F-402 to QMS-D-402
C	11/17/06	Changed all SRC references to SRCTec
D	12/21/06	Changed references to SRC to SRCTec that were missed in prior revisions
E	5/4/07	Added Supplier Scrap Requirements Added First Article Requirements
F	4/15/08	Changed from Syracuse Research Corporation to SRCTec in 01A and 01B; Added Test Data bullet to 03A; Added last sentence to 08A; Added 08D; Re-wrote 09D.
G	8/25/08	Updated various sections.
H	03/06/09	Updated to be compatible with the Supply Chain Manual
J	11/09/09	Removed clauses 02, 03, 04, 05, 06, 08A, 08B, 08C, 09B, 09C, 10, 12, 13, 16A, 17A, and 17B. These are addressed in the Supply Chain Manual. Clarified 15A and 15B.
K	11/17/09	Added 09A Levels 1-4
L	05/04/10	Changed 16A to 16B – Auto reformat issue during changes to rev J. Added the A and B back into section 11 Customer-Owned Material
M	12/15/10	Updated 01A – identified and defined level 1 and level 2. Updated 08D – clarified requirement to include RTV Other and RTV debit. Updated 09D – when test data is not captured electronically. Added 09E, 09F, and 18A.
N	07/11/11	Updated 16B – added clarification (text and photos) of proper marking of electrostatic discharge sensitive (ESDS) items.
P	07/20/11	Added the following to 16B at the beginning “The product supplied under this Purchase Order requires the use of Electrostatic...” 08D – rewritten for clarification Added clause 19. SOFTWARE/FIRMWARE
Q	8/24/11	18A: rewritten 15A and 15B: Added “If there is a conflict between...”. 09B:added
R	12/16/11	19: removed “email or by” replaced “ a detailed description of the change” with “ accompanied with a Version Description Document (VDD).