



## QUALITY ASSURANCE PURCHASING CLAUSES

The following codes apply when specified in SL-MTI's purchase order

**Q01: Minimum Quality Requirements:**

If this Purchase Order is for the acquisition of an article with an SL-MTI inventory part number, the supplier shall meet the minimum Quality Assurance system requirements as specified in QCF4.7. A copy of the latest document can be obtained from your Buyer, or from [www.slmti.com/about-us/certification](http://www.slmti.com/about-us/certification).

**Q02: Functional Test Reports:**

Each shipment shall be accompanied by one legible copy of actual test results, identifiable with test parameters, acceptance criteria, and items submitted. These reports shall be signed and dated by the seller's quality representative.

**Q03: First Article Inspection Report: (Moved to QCF4.7, Para 8.1)**

**Q03A: First Article Inspection Report-12 Month Lapse:**

The first article inspection requirements of the minimum quality requirements apply, except a new first article report is required if the parts have not been supplied in the last 12 months.

**Q04: Inspection and Control Plan:**

The supplier shall submit an inspection and control plan for SL-MTI's approval for items delivered on this order. The plan may be in the supplier's format but shall, as a minimum, include a list of characteristics, point of control, inspection methods, and rate of inspection.

**Q05: SL-MTI Source Inspection:**

SL-MTI Source Inspection is required prior to shipment from your facility. Notify the appropriate SL-MTI buyer three (3) days in advance of material being available. The supplier shall make available to SL-MTI's representative the necessary facilities, equipment, and personnel to adequately perform the inspections/tests.

**Q06: Government Source Inspection:**

Government source inspection is required prior to shipment from your facility. Upon receipt of this order, promptly notify the Government representative who normally services your facility so that appropriate planning for this inspection can be accomplished.

**Q07: Statistical Process Control Data:**

Statistical Process Control (SPC) data shall be submitted with each shipment. The supplied SPC data shall demonstrate that the supplier's processes are stable and in control and shall include Cp and Cpk data. The



## QUALITY ASSURANCE PURCHASING CLAUSES

Cpk shall be a minimum of 1.33 with a goal of reaching 1.67 including planned method(s) of corrective action.

If the supplier determines that SPC is not acceptable, or if a process has become unstable or out of control, the alternative would be to perform 100% inspection on the noted Key Characteristics. The supplier will certify that 100% inspection was accomplished in lieu of SPC.

Q08: Required Special Process Subtier Approval:

Special processes such as surface treatments, heat treating, plating, and nondestructive testing required for completion of this order shall be performed only by processors approved for the process by the applicable Customer of SL-MTI. For the names of Customer approved sources, call your SL-MTI buyer.

Q08D: Required Special Process Subtier Approval (HR Textron/Lockheed Martin):

Special processes such as surface treatments, heat treating, plating, and nondestructive testing required for completion of this order shall be performed only by processors listed on the Lockheed Martin approved processor list AND who are NADCAP accredited for the process(es) required.

Q08G: Required Special Process Subtier Approval (UTAS, formerly Goodrich Aerospace):

Special processes such as surface treatments, heat treating, plating, and nondestructive testing required for completion of this order shall be performed only by processors listed on the Goodrich UTAS Aerospace SIS approved processor list. NADCAP accredited processors not on the list may be considered, but please notify your SL-MTI buyer before proceeding.

Q08N: Required Special Process Subtier Approval (NADCAP):

Special processes such as surface treatments, heat treating, plating, and nondestructive testing required for completion of this order shall be performed only by processors who are NADCAP accredited for the process(es) required.

Q08J: Required Special Process Subtier Approval (Parker Aerospace):

Special processes such as surface treatments, heat treating, plating, and nondestructive testing required for completion of this order shall be performed only by processors listed on the Parker Aerospace approved processor list.

Q09A: Gear Inspection Data:

A first-piece inspection report identifying actual gear data values to the blueprint shall accompany shipment of parts.



## QUALITY ASSURANCE PURCHASING CLAUSES

### Q09B: Gear Chart Requirements:

A Lead Chart, a Red Liner Report, and the Involute Profile results on a sample defined by the purchase order must accompany each shipment.

### Q10: Process Freeze: (Moved to QCF4.7, Para 18.0)

### Q11: Special Process Certifications: (Moved to QCF4.7, Para 11.1)

### Q12: Raw Material Certifications: (Moved to QCF4.7, Para 10.2)

### Q13: Static Susceptible Items:

Items delivered on this order are susceptible to damage from electrostatic discharge (ESD) and shall be manufactured and packed or wrapped in ESD protective containers or bags per MIL-STD-1686, Class 1. Each container or bag shall be marked with an ESD warning label.

### Q14: Limited Material Review Authority:

The supplier is authorized to conduct limited Material Review and disposition of nonconforming products identified by the supplier using only the following dispositions:

- a. rework to applicable requirements
- b. scrap, or
- c. RTV – return to (the supplier’s) sub-tier source for rework or replacement.

Nonconforming products are defined as any products that fail to meet the requirements of the SL-MTI Engineering drawing, specification, purchase order, or products that are under the supplier’s design control in which drawings or specifications have been approved by SL-MTI. The supplier may propose and formally request a “Use As Is” or repair disposition from SL-MTI by submitting the appropriate request to the SL-MTI buyer in accordance with QCF4.7.

### Q15: Raw Material Verification Program:

The supplier shall develop, document and implement a raw material (sheet, plate, bar, rod, etc) verification program that will ensure that material received from the supplier’s sub-tier sources meets all applicable technical and quality requirements. This verification program shall include provisions for monitoring testing of raw material to ensure that such material meets all applicable requirements at a minimum frequency of one test per material per supplier within a twelve month period using a laboratory holding A2LA or Nadcap accreditation.

### Q16: Foreign Raw Metallic Material:

Raw metallic material shall not be procured from foreign agencies or produced in non-domestic mills for products supplied to SL-MTI unless approved by SL-MTI Purchasing prior to shipment.



## QUALITY ASSURANCE PURCHASING CLAUSES

Q17: Foreign Raw Material:

All raw material used in the fabrication of this product shall not be procured from foreign agencies unless approved by SL-MTI Purchasing prior to shipment.

Q18: FOD Control Program: (Moved to QCF4.7, Para 17.0)

Q19: SPOC 001:

The requirements of Honeywell SPOC 001 (current revision) apply to this order.

Q19A: SPOC 002:

The requirements of Honeywell SPOC 002 (current revision) apply to this order.

Q20: Requirement for Counterfeit Material Control: (Moved to QCF4.7, Para 16.0)

Q21A: Records Retention – 10 years (Deleted)

Q21B: Records Retention – 11 years (Deleted)

Q21C: Records Retention – 15 years (Deleted)

Q21D: Records Retention – 25 years

Records requirements of QCF4.7 Para 14.0 apply, except records shall be maintained for 25 years minimum.

Q21E: Records Retention – Contact MTI before Records Disposal (Moved to QCF4.7 Section 14.0)

Q22: Compliant to AS/EN/JISO 9100

The supplier's QMS must be compliant with the requirements of AS/EN/JISQ 9100.

Q23: UTAS End Use Products

The parts on this Purchase Order are for UTAS end use and must state on the Certificate of Conformance, "The parts supplied with this Certificate of Conformance are for UTAS end use".

Q24: UTAS SCM-PRO-0003

Suppliers of product, material, processes, or services where this quality clause is referenced on purchase orders are responsible to comply with all applicable requirements defined within UTAS SCM-PRO-0003, and to flow this requirement down to any sub-tier supplier.

Q25: UTAS Approved Distributors

Suppliers of product, material, processes, or services where this Q code is referenced on purchase orders must be on the UTAS approved distributor list and flow this requirement down to any sub-tier supplier.



**QUALITY ASSURANCE PURCHASING CLAUSES**

Q26: UTAS Inspection Level

This part may be used as part of UTAS end use products and must be inspected at the levels specified in ASQR-20.1.



## QUALITY ASSURANCE PURCHASING CLAUSES

REV DATE	REASON FOR CHANGE
12/08/06	Quality Assurance Purchasing Clauses – New Release
9/15/09	Added Clause Q20, Requirement for Counterfeit Material Control
4/14/10	Clause Q01 changed website from <a href="http://www.slmti.com">www.slmti.com</a> to <a href="http://www.slmti.com/documents/index.php">www.slmti.com/documents/index.php</a> .
8/26/10	Added Clauses Q08G, Q08H, Q08N and Q08P to include specific customer requirements.
6/06/11	Added Clauses Q21A, Q21B, and Q21C for specific records retention requirements 10 years, 11 years, and 15 years, respectively.
7/15/11	Changed designation of Q08H to Q08D. Changed designation of Q08P to Q08J. Added Clause Q19A for Honeywell SPOC 002 Added Clause Q21D for 25 years records retention
3/25/14	Clause Q08J removed "...and who are on the Lockheed Martin approved processor list for the process(es) required.
1/07/15	Clause Q01 changed "SL-MTI 8-digit part number" to "SL-MTI inventory part number".
3/10/15	Clause Q13 changed "MIL-STD-1686" to "MIL-STD-1686. Class 1".
11/02/15	Clause Q01 removed reference to SL-MTI website .
5/16/16	Clause Q01 added new reference to SL-MTI website. Clause Q03 added requirements of a bubble drawing and method of measurement to AS9102 FAIR submissions. Added Q03B: Annual First Article Inspection Report (UTAS) Added Clauses Q22, Q23 and Q24 for UTAS-specific items
6/03/16	Clause Q03A from "every two years" to "...if parts have not been supplied in the last 12 months." Removed Clause Q03B. Deleted Clauses Q10, Q18, and Q20 which have all moved to QCF4.7 Minimum Quality Requirements for Suppliers. Removed Clauses Q23 and Q24.
6/22/16	Added clause Q23 for UTAS end use requirement.
8/2/16	Added clause Q21E contact MTI Before Destroying Quality Records and Q24 for UTAS SCM-PRO-0003
6/30/17	Moved Q03 to Supplier Minimum Quality Requirements QCF4.7 Paragraph 8.1; Reworded Q03A to reflect previous change; Moved location of Q08D to correct location in document; updated Q15 to require material testing every 12 months by a laboratory holding A2LA or Nadcap accreditation, removed Q21A, Q21B, Q21C as obsolete; added Q25 and Q 26
9/28/17	Revised URL in Q01. Added reference to UTAS in Q08G. Moved Q11, Q12, and Q21E to QCF4.7



**QUALITY ASSURANCE PURCHASING CLAUSES**