

Scope:

These supplier quality requirements (SQR) apply to suppliers that supply materials, processes or products used in the end item products sold by Absolute Mfg.

Definitions:

The SQR's that apply to a given supplier are listed on their purchase order by the SQR number. This document defines the requirements of each SQR. The SQR's required on each purchase order are defined by supplier class, e.g. raw material, subcontract machining, finishing etc.

Supplier Quality Requirements:**SQR-1 Quality Management System AS9100**

The supplier will as a minimum, implement and maintain a documented quality management system that meets the requirements of AS9100. This system is subject to review by Absolute Mfg.

SQR-2 Quality Management System ISO 9001/2008

The supplier will as a minimum, implement and maintain a documented quality management system that meets the requirements of ISO 9001/2008. This system is subject to review by Absolute Mfg.

SQR-3 Less Than Quality Management System ISO 9001/2008 who manufacture product complete & supply product materials and finish processing.

Must maintain documented procedures that address the following: (These Procedures are subject to review by Absolute Mfg.)

1. Identification and Traceability
2. Control of Nonconforming Material (Supplier must notify Absolute Mfg purchasing or QA Manager prior to submitting nonconforming material for review)
3. Process Control
4. Measurement & Monitoring of Product
5. Purchasing
6. Supplier Qualification & Approval
7. Contract Review
8. Verification of purchased product
9. Control of Inspection, Measuring, & Test Equipment
10. Preservation of Product
11. Training
12. Control of Quality Records

SQR-4 Less Than Quality Management System ISO 9001/2008 who manufacture product complete with Absolute Mfg supplied materials and finish processing.

Must maintain documented procedures that address the following: (These Procedures are subject to review by Absolute Mfg.)

1. Identification and Traceability
2. Control of Nonconforming Material (Supplier must notify Absolute Mfg purchasing or QA Manager prior to submitting nonconforming material for review)
3. Process Control
4. Measurement & Monitoring of Product
5. Preservation of Product
6. Training
7. Control of Quality Records

SQR-5 Pre-production Part Approval

Prior to production start-up, the supplier shall produce a limited quantity (as specified on the purchase order) of pieces to confirm consistency of quality.

SQR-6 Process Locked

Upon acceptance of the first article, the supplier shall make no changes to the method of manufacture, equipment used, materials, or processes which may affect interchangeability, function, dimensions, performance, or finishes. All changes must be approved by Absolute Mfg Quality or Engineering.

SQR-7 Right of Entry

Absolute Mfg and or our customer or government representatives will have the right to survey facilities and review all processes, subcontractors, contracted parts, procedures and records.

SQR-8 Subcontracting without Written Approval

Subcontracting all or substantially all of the order without written consent of Absolute Mfg Quality and Engineering is prohibited.

SQR-9 Flow down requirements for sub-tier suppliers

When subcontracting of a process is approved the purchase order requirements must be flowed down to the sub-tier supplier including key characteristics where required.

SQR-10 Certification requirements

All processes that are performed in accordance with a specific standard and/or document will require a certificate of conformance with each shipment.

SQR-11 Quality Management System AC7004 (NADCAP)

The supplier will as a minimum, implement and maintain a documented quality management system that meets the requirements of AC7004. This system is subject to review by Absolute Mfg.

SQR-12 Quality Management System ISO/IEC 17025 and ANSI Z540-1 (Testing and Calibration Laboratories)

The supplier will as a minimum, implement and maintain a documented quality management system that meets the requirements of ISO/IEC 17025 and ANSI Z540-1. This system is subject to review by Absolute Mfg.

SQR-13 Requirements for Nonconforming Products

Supplier shall contact Absolute with written notification within one (1) business day when a nonconformance is determined to exist, or is suspected to exist on product already delivered. When the following is known, written notification shall include:

- A- Affected product numbers / name and process
- B- Description of the nonconformance (what it is and what it should be).
- C- Absolute purchase order/line item, manufacturer lot number, quantities, and dates product shipped.
- D- Outside Services nonconforming parts are to be tagged with a description of the nonconforming condition.

SQR-14 First Part submittal

Supplier shall identify with each shipment the part that was used for “first part” inspection.