



SOURCE ONE
AEROSPACE

41691 Corporate Center Ct. - Murrieta, CA 92562 - (951) 677-3002 - Fax (951) 677-3302

EXTERNAL PROVIDER QUALITY ASSURANCE REQUIREMENTS (EPQAR-001)

GENERAL

(SOQA-001) Right of Entry – Source One, its customer or regulatory agencies shall be afforded the right to review and verify that subcontracted product, processes and records conforms to specified requirements. Verification by Source One, its customer or regulatory agency does not absolve the external provider of the responsibility to provide acceptable product, nor does it preclude subsequent rejection by Source One or its customer.

(SOQA-002) Non AS9100 External Providers – External providers shall provide and maintain an inspection system which will assure that all delivered products conform to Purchase Order requirements, whether manufactured or processed by the external provider or a sub-tier external provider. External provider shall maintain controls and perform all inspections and tests required to substantiate product conformance requirements.

(SOQA-003) AS9100 External providers – The external provider will, as a minimum, maintain a documented quality system that meets the requirements of AS9100 and/or ISO:9001. The External Provider's Quality Assurance function shall be clearly designated within the External Provider's Organization. Personnel having the responsibility for the quality of product shall have sufficient authority to assure that quality is not compromised. The External Provider's Quality Assurance System shall be implemented by written procedures that adequately provide for compliance with the requirements of Source One Purchase Order. The External Provider shall notify Source One whenever there is a significant change to their Quality Assurance System, i.e. gaining or losing any NADCAP approvals, gaining or losing any FAA or governmental operating approvals, or gaining or losing any Quality System registration or certification (ISO/AS).

(SOQA-004) Control of Quality Records by Source One External Providers – Source One external providers used for processing and machining or any service procured that affects product conformity must maintain on file all quality records showing conformance to Source One purchase order requirements for a minimum of 10 years plus one calendar year.

(SOQA-005) External Provider Assistance – If Purchase Order requirements are not completely clear, or where special assistance is needed, contact Source One Quality Department. If inquiries pertain to quality aspects of products or services, Source One Industries Quality Assurance Organization may be contacted directly.

(SOQA-006) External Provider Audits – Source One may conduct periodic audits of the External Provider and/or their sub-tier External Provider's Quality system, to evaluate their ability to comply with Source



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One requirements. As necessary, Source One Customers may accompany the Source One Quality representative in such audits.

(SOQA-007) Nonconforming Product Produced by External Provider – The external provider must notify Source One of nonconforming product or processes prior to delivery. All parts identified by an external provider as discrepant will be sorted 100% for the defect that is discrepant. All parts dispositioned as identified as discrepant must be identified with a discrepant part tag or other means of identification. The external provider does not have the authority to disposition discrepant parts. Parts must be returned to Source One for disposition.

(SOQA-008) Production or Process Changes – The external provider must notify Source One of any changes in the product or process used in the manufacture of product for Source One. Source One reserves the right for approval of the product, the parts used, the materials used and equipment used by the external provider in fulfilling Source One Purchase Order requirements. This includes changes of external providers, manufacturing and / or processing facility locations or additional facilities. These changes may require Source One approval depending upon the change.

(SOQA-009) Nonconformance Disposition of Supplied Discrepant Parts – If nonconforming parts or processes are found during inspection at Euless Aero, the external provider will be contacted and will have 14 days to respond to the discrepancy by coming to Euless Aero to re-inspect, or Euless Aero may, at their discretion, return the parts to the external provider for inspection. The supplier does not have the authority to disposition on Source One parts.

(SOQA-010) Notice of Escapement / Disclosures – Source One external providers shall provide a written notification of nonconformities that may have affected parts or services delivered to Source One within 48 hours of the realization of the escapement. Source One Quality must be notified and the documentation must include a clear and concise description of the discrepancy, which includes as a minimum: part number, purchase order number, quantity and the date the parts were delivered to Source One. Immediate corrective action / containment as well as the root cause and corrective action must accompany the discrepancy documentation submitted to Source One.

(SOQA-011) Quality System Documentation – The external provider shall assure that the latest revisions status of applicable drawings, specifications, technical requirements, as specified on Source One Purchase Order, are available at the External Provider's facility.

(SOQA-012) Subcontracting without Written Approval – Subcontracting all or substantially all of the order without written consent of Source One Quality or Purchasing is prohibited.

(SOQA-013) Subcontractor Flow Down – If any portion of the order is subcontracted, it is the responsibility of the external provider to flow down to the supply chain the applicable requirements, including customer requirements.

(SOQA-014) Acceptance Authority Media – Source One external providers shall ensure that the use of Acceptance Authority Media (AAM) is clearly defined within its Quality Management System (QMS).



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Seller shall, upon Source One request, be able to demonstrate evidence of communication to its employees and to its supply chain; use of AAM must be considered as a personal warranty of compliance and conformity.

(SOQA-015) Counterfeit Goods – External providers are required to have a counterfeit parts prevention program that includes avoiding, detecting, mitigating and dispositioning of suspected parts. In the event the external provider discovers it has supplied counterfeit goods, Source One must be notified immediately from discovery and replace at external provider’s expense.

(SOQA-016) Supplier Sub-tier Control – All Source One external providers are required to flow down appropriate controls to their direct and sub-tiers to ensure parts produced or processed by Source One supply chain conform to all Source One requirements.

(SOQA-017) Supply Awareness - Suppliers must be aware their contribution to the success of Source One is directly related to their ability to meet Source One product conformity and product safety requirements in an ethical and safe manner.

(DK-018) Source One Supplied Drawings - All drawings or other Engineering media provided to a supplier must be returned with the order upon completion.

(DK-019) Foreign Object Damage/Debris The supplier shall maintain a FOD control program per AS9146. The supplier shall ensure product purchased is free from materials that could result in FOD. Machines, tooling, and handling equipment are to be maintained in a state of cleanliness and repair sufficient to prevent FOD.

OUTSIDE EXTERNAL PROVIDER – MACHINING/FABRICATION

(SOQA-020) Certifications – External providers must submit with each shipment a certificate of conformance stating that all manufacturing and inspections complies with the applicable engineering and purchase order requirements. Material and processing certifications must be supplied to Source One if parts are purchased complete by Source One.

(SOQA-021) First Article – AS9102 first article inspection is required. First article shall consist of 100% verification and documentation showing compliance to the Source One drawing, including dimensional and functional data of each item manufactured and supplied to Source One. Copies of AS9102 forms are available from Source One upon request. This may include the Spirit FAI requirements as specified in MAA1-10042-2. Source One quality will flow down this requirement to suppliers doing Spirit work on behalf of Source One.

(SOQA-022) Statistical Process Control – Statistical process control may be required and shall be implemented as defined by the Source One Purchase Order. The external provider shall contact the process improvement coordinator prior to manufacturing to arrange a meeting to define the required key or special characteristics affected.



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(SOQA-023) In-Process Inspection – In process inspection may be required by Source One. When this is required, the specific inspection point in the process will be specified on the purchase order. The external provider will contact Source One and hold the material for in-process inspection by Source One Quality.

(SOQA-024) Protection of Parts against Contamination or Damage – The parts must be boxed, banded, or shipped in a manner that will ensure that no damage will occur.

(SOQA-025) Source One Supplied Drawings – All drawings or other Engineering media provided to an external provider must be returned with the order upon completion or destroyed.

(SOQA-026) Source One Furnished Material – Heat lot traceability must be maintained by the external provider when the material is supplied by Source One. No heat lot substitution or co-mingling of heat lots is allowed unless written permission is granted by Source One.

(SOQA-027) Source One Customers Approved Manufacturers Flowdown Requirements – External providers must be approved and use approved sources as defined in customer approved vendor listing documents. When external providers are machining and processing complete, the processors used must be Source One customer approved. It is the responsibility of the external provider to verify Source One customer approval.

OUTSIDE EXTERNAL PROVIDER – SPECIAL PROCESSING

(SOQA-028) Nadcap Approval – External providers must be Nadcap approved for all chemical processing, heat treating, welding, non-destructive testing and all other processes required by Source One customers.

(SOQA-029) Source One Customer's Approved Processors – All Heat Treat, NDT, Welding and Coatings subcontracted by Source One must be performed by Source One Customer Approved Processor. The external provider is responsible for verifying their approval status prior to any processing being performed.

(SOQA-030) Certifications – Processing certifications must reference all relevant process performed, specifications and revisions of the process completed.

(SOQA-031) Specifications – External providers must meet the requirements of specifications when they are referenced on drawings or on the purchase order. External providers will process to the latest revision of the specification stated unless otherwise stated on the Source One Purchase Order. When required, the External provider may obtain copies of pertinent specifications through Source One Purchasing Department. External providers must be and use approved sources as defined in customer approved external provider listing documents.



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OUTSIDE EXTERNAL PROVIDER – RAW MATERIALS/SEALANTS

(SOQA-032) Certifications – An External provider Certificate of Conformance is required with each shipment to Source One including the applicable heat lots and chemical and physical analysis / test reports. The C of C must state the material type, the material temper, and that the material meets the applicable specifications and revisions of the material specification procured by Source One.

(SOQA-033) Preference for Domestic Specialty Metals – When a line item on a Source One purchase order has the part number identified as XXX-DFARS, the external provider agrees to comply with Defense Federal Acquisition Regulation Supplement DFAR 252.225-7014 (Alt. I), Preference for Domestic Specialty metals when this clause is specified in the purchase order. Use of foreign specialty metals may only be made with the written authorization from Source One. Note: Country of melt must be identified on certification.

(SOQA-034) Source One Customers Approved Manufacturers – All external providers of materials, hardware, components, sealants / adhesives, etc., where applicable, must be on the current approval listings of Source One Customers. The external provider is responsible for verifying their approval status prior to the manufacture of these goods.

(SOQA-035) Shelf Life – The date of manufacture must be noted on each individual container and / or certification. Sealants / adhesives and adhesive tapes must have at least 80% of shelf life available upon receipt at Source One or it will be returned to the external provider.

(SOQA-036) Calibration – Calibration / Test external suppliers must furnish the calibration / test reports to the purchase order requirements and be traceable to the specific equipment or item for which they are calibrating or testing. Traceability to NIST and / or other national or international standards must be supplied. ISO9000, ISO 17025, NADCAP Testing, ANSI Z540, and / or Navlap accreditation will be the quality system requirements, actual data must be supplied.



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The following clauses apply to Calibration & Testing Providers:

QA-001, QA-002, QA-004, QA-005, QA-006, QA-008, QA-010, QA-011, QA-012, QA-013, QA-014, QA-015, QA-016, QA-017, QA-034 The following also applies to testing: QA-026, QA-027, QA-029

The following clauses apply to Grinding & Welding Providers:

QA-001, QA-002, QA-004, QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-011, QA-012, QA-013, QA-014, QA-016, QA-017, QA-018, QA-021, QA-022, QA-023, QA-024, QA-025

The following clauses apply to Hardware & Standards Providers:

QA-001, QA-002, QA-004, QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-011, QA-012, QA-013, QA-014, QA-016, QA-017, QA-018 When the standards manufacture is required to provide certification the following also applies: QA-030 or other document stating the product meets the specification requirement.

The following clauses apply to Heat Treat Providers:

QA-001, QA-002, QA-003, QA-004, QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-011, QA-012, QA-013, QA-014, QA-016, QA-017, QA-018, QA-021, QA-022, QA-023, QA-024, QA-025, QA-26, QA-27, QA-28, QA-29.

The following causes apply to Outside Machining Providers:

QA-001, QA-002, QA-004, QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-011, QA-012, QA-013, QA-014, QA-016, QA-017, QA-018, QA-019, QA-020, QA-021, QA-022, QA-023, QA-024, QA-025.

The following clauses apply to Plating(Metal Finishing and NDT) Providers:

QA-001, QA-002, QA-003, QA-004, QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-011, QA-012, QA-013, QA-014, QA-016, QA-017, QA-018, QA-021, QA-022, QA-023, QA-024, QA-025, QA-26, QA-27, QA-28, QA-29.

The following clauses apply to Raw Materials, Sealants, Paint Providers:

QA-001, QA-002, QA-004, QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-011, QA-012, QA-013, QA-014, QA-QA015, 016, QA-017, QA-030, QA-029, QA-030, QA-031, QA-032, QA-033 When products if for quired by customer the following also applies: QA-003.

The following clauses apply to Shop Supplies, Tooling and all Other Providers:

QA-001,QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-015, QA-016, QA-017 When product is purchased to a specification the following applies: QA-030 or other document stating the product meets the specification requirement.



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The following clauses apply to Software providers, as applicable:

QA-001,QA-005, QA-006, QA-007, QA-008, QA-009, QA-010, QA-015, QA-016, QA-017, QA-035, QA-036, QA-037