

“Where Service Is Second Only To Quality”

SUB-TIER QUALITY REQUIREMENTS

QR-1: Quality System

Seller shall maintain a quality system in compliance with the current version of AS9100. However, Alloy Processing realizes that some Sellers are small and it is not economically feasible to comply with these levels of quality systems. Therefore, Alloy Processing provides the option for the Seller to maintain a quality system in compliance with the current version of AS9003.

QR-2: Requirements Flow Down

The requirements associated with this purchase order shall be flowed down to all sub-tier suppliers.

QR-3: Special Process Approval

Seller and any sub-tier supplier engaged in special processes (Examples: anodize, chemical conversion, passivation, plating, heat treat verification, pre-penetrant etch, penetrant inspection, painting) shall be approved for those special processes / specifications as required by the applicable prime contractor/Nadcap. Seller shall request and be provided with written authorization from Alloy Processing prior to utilizing a sub-tier special process supplier related to an Alloy Processing purchase order.

QR-4: Calibration System

Seller shall maintain a calibration system in compliance with ANSI/NCSL Z540-1, ANSI/NCSL Z540.3 or ISO 10012-1 as applicable to the Seller's product and/or services for all equipment used to measure and/or test product and/or service conformity.

QR-5: Document Revision Status

Unless otherwise specified on the purchase order or referenced documents, the revision status of all applicable documents in effect on the date of issue of the purchase order, apply to the order. If a document revision is specified on the purchase order, that revision applies.

QR-6: Notification of Process Changes

Seller must notify Alloy Processing in writing of changes in product and/or process, changes of sub-tier suppliers, changes of facility location and, where required, obtain written approval from Alloy Processing.

QR-7: Certificate of Conformance

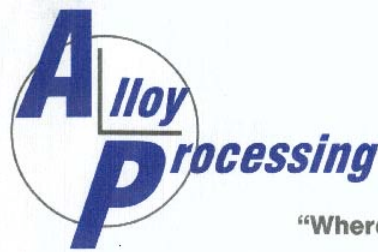
Seller shall furnish a Certificate of Conformance to Alloy Processing for all purchased products and/or services from the Seller and any Seller's sub-tiers. As a minimum, the certificate of conformance shall include: a) the name of the issuing organization, b) the applicable Alloy Processing purchase order number, c) reference to applicable specifications and revisions, d) applicable part number(s)/serial number(s)/product identification, e) acceptance status of product or service item, f) a signature or stamp of the organization's authorized representative, g) a statement that all product and/or services being provided to Alloy Processing comply with all requirements of the purchase order. Age sensitive material certifications of conformance shall identify the date of manufacture, date of expiration, required storage conditions and the material must have a minimum of 75% remaining shelf life when received by Alloy Processing. Seller is responsible for verifying certifications furnished by Seller's sub-tier suppliers for their adequacy and compliance to the purchase order requirements and the requirements herein.

QR-8: Test and Inspection Reports

Test and inspection reports when required by Alloy Processing and/or the governing specification must accompany each shipment. Test reports shall be legible (reproducible condition).

QR-9: First Article Inspection

When requested by Alloy Processing, Seller shall perform a First Article Inspection (FAI) of one item from the first production lot, or as defined by Alloy Processing. The FAI shall be conducted in accordance with the current version of AS9102. Alloy Processing reserves the right to verify any or all of the characteristics documented on the FAI report at the Seller's facility.



QR-10: Sampling

Unless otherwise specified by the governing specification, sampling is not permitted.

QR-11: Foreign Objects

Seller shall have in place provisions for the prevention, detection and removal of foreign objects for items associated with Alloy Processing purchase orders.

QR-12: Buyer Review

Alloy Processing reserves the right to review, verify and/or analyze the Seller's Quality and/or Inspection System and Manufacturing processes at the Seller's facilities. Alloy Processing shall notify the Seller forty-eight (48) hours in advance of the intended review start date, duration and agenda.

QR-13: Traceability requirements

The Seller shall provide adequate means of traceability of all product and documentation at all times from receipt to delivery.

QR-14: Record Retention

Seller shall maintain legible and readily retrievable records regarding Alloy Processing purchase orders, specifications, drawings, process requirements, inspection/verification results and other relevant technical data. Records shall be maintained by the Seller for a minimum of ten (10) years.

QR-15: Qualification of Personnel

Seller shall ensure that personnel performing work affecting conformity to product requirements will be competent on the basis of appropriate education, training, skills and experience.

QR-16: Control of Nonconforming Product

Seller shall ensure that product which does not conform to product requirements is identified and controlled to prevent its unintended use or delivery.

QR-17: Notification of Nonconformance

Seller must notify Alloy Processing Quality Assurance of any nonconforming products verbally and in writing as soon as the nonconformance is detected and obtain written approval for nonconforming product disposition from Alloy Processing.

QR-18: Corrective Action

In response to corrective action requests issued to Seller by Alloy Processing, Seller shall provide adequate, detailed and effective root cause analysis, corrective action(s) taken to prevent recurrence and completion dates of the planned corrective action(s). Seller shall also provide accurate and complete documentation identifying any and all nonconforming product and/or service delivered to Alloy Processing.

QR-19: Packaging & Shipping

Seller shall clean, preserve and use adequate packaging and good commercial practices as necessary to prevent shipping damage. Seller is fully responsible for damage caused to the product due to poor packaging or handling.

QR-20: Requirements for Conformance

Neither surveillance, inspection and/or tests made by Alloy Processing or its customers at either the Seller's or Alloy Processing's facility, nor the Seller's compliance with all applicable product assurance requirements shall relieve the Seller of the responsibility to furnish items which conform to the requirements of the purchase order.

QR-21: Access to Facilities

Seller shall permit access to the Seller's facility and any sub-tier sellers for surveillance/auditing by Alloy Processing, its customers and/or regulatory authorities, and shall include access to all records applicable to Alloy Processing's product or orders.