

QUALITY CLAUSES F-840-006-B

Product/Service Purchased Specific Quality Code Mapping (As Stated on Purchase Order)

Raw Material	SQC01, SQC03, SQC08, SQC10, SQC12
Hardware & Other Materials	SQC01, SQC03, SQC06, SQC07, SQC08
Special Processes (e.g. Heat Treat, Plating, Welding)	SQC01, SQC02, SQC04, SQC06, SQC08, SQC11
Other Outside Services	SQC01, SQC05, SQC06, SQC07, SQC08, SQC09
Calibration	General Quality Requirements only

General Quality Requirements (applies to every order)

Quality Code	Title	Requirement
QC01	Quality System	Supplier shall establish and maintain a Quality System acceptable to Acro-Spec Grinding, for the goods and/or services purchased under this purchase order. As a minimum, the supplier's Quality System must meet the requirements of ISO9001 or better. Certification is preferred however not a requirement unless otherwise stated.
QC02	Sub-Contractor Flow Down	Supplier is required to flow down the requirements of this purchase order, including terms and conditions to the Supplier's subcontractors. Flow down of key characteristics is required when specified on the face of purchase order.
QC03	Record Retention and Disposition	As a minimum, the Supplier is to retain records for at least 10 years from the date of shipment under each applicable order for all products/ part numbers unless otherwise specified in the order. In special circumstances, the purchase order will identify the actual required number of years that the records should be maintained. After the minimum retention period is achieved, suppliers may disposition the records as archive or destroy at their discretion.
QC04	Measuring & Test Equipment / Calibration Vendor	All measuring and test equipment shall be calibrated in accordance with ANSI/NCSL Z540.3 and traceable to NIST. The calibration vendor shall be accredited to ISO 17025.
QC05	Acro-Spec Grinding Furnished Property	Supplier is to return all furnished property to Acro-Spec Grinding at the completion of the purchase order. Furnished property may include but not be limited to the following: drawings, mylars, process specification, tooling, fixtures, and excess raw material.
QC06	Parts Identification	The Supplier is to identify parts in accordance with purchase order requirements.
QC07	Nonconformance/Corrective Action	The Supplier is to notify Acro-Spec Grinding of any Nonconformance prior to shipping product and obtain approval for disposition of any nonconforming product. In addition, the Supplier will maintain a system of handling non-conformances and corrective actions.
QC08	Packaging Protection	Supplier to package parts in a manner that will protect parts from any kind of damage. No metal to metal contact is ever allowed. In special circumstances, the purchase order may specify the manner the parts are to be packaged.
QC09	Right of Entry	Acro-Spec Grinding, our customers, and/or any applicable regulatory authority reserve the right to access the supplier's applicable areas of all facilities, at any level of the supply chain, involved in the order and to all applicable records. Reason for access may include inspection of the item on order, status of the item, or reviewing quality records pertaining to the purchase order in question.

QUALITY CLAUSES F-840-006-B

QC10	QMS Awareness	Vendors Personnel must be made aware of: • their contribution to product or service conformity; • their contribution to product safety; • the importance of ethical behavior.
QC11	Counterfeit Prevention	Vendor must have a process in place to detect and prevent the use of counterfeit parts/materials. The holder of the Acro-Spec Grinding Purchase Order must be the Original Equipment (Component) Manufacturer (OEM) of the product or the OEM's Authorized Distributor with traceability to the OEM. Authorized distributors shall provide certification to OEM approved distribution. Or provide evidence of certification, or approval from the appropriate OEM of the product supplied to Acro-Spec Grinding. If documentation demonstrating an unbroken chain of custody from these authorized manufacturers or distributors can not be provided at the time of delivery, then the vendor (holder of the Acro-Spec Grinding PO) must comply with F-814-001 Supplier Counterfeit Prevention Program Requirements (available upon request).
QC12	Control & Monitoring Requirements	Vendor must maintain a Quality Level $\geq 98\%$ and an OTD level $\geq 98\%$. If levels drop below target, supplier will be notified and may be placed on conditional status or disapproved if not corrected
QC13	Change Notification	Supplier is to notify Acro-Spec Grinding of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and, where required, obtain organization approval.
QC14	Acceptance Authority Media	Media such as inspection stamps and electronic signatures used for product acceptance/inspection must be controlled and traceable to the personnel they are issued to.
QC15	Verification on Supplier's Premises	Verification of product on supplier premises by Acro-Spec Grinding or its customers, does not remove the obligation to provide conforming products and shall not be used as the organizations evidence of conformity.
QC16	Shelf Life Materials	The supplier provides the manufacturing date, shelf life, and expiration date for all limited shelf life items under this order. All items will have 75% or more of their shelf life remaining at the time of shipment to Acro-Spec Grinding. All items are packaged, labeled and transported per their applicable regulatory requirements.
QC17	Obsolescence	Supplier must provide notice at least 180 days prior of any products approaching obsolescence and allow final purchase before obsoleting any product.
QC18	FOD Prevention	The Organization shall maintain a FOD (Foreign Object Debris) program designed to prevent the introduction of contamination or FOD. This shall also address the introduction of FOD as wasteful packaging.

Specific Quality Requirements

Quality Code	Title	Requirement
SQC01	AS9100 Compliant	The supplier is required to maintain a Quality System in compliance to AS9100. If facility is not certified to AS9100, buyer reserves the right to conduct surveillance at supplier's facility to make final determination that <u>Supplier's Quality System</u> meets the requirements, and/or supplier will be required to complete a Supplier Survey Questionnaire.
SQC02	NADCAP Approval	Special processing NADCAP approval is required. The special process requirements will be listed on the actual purchase order.

QUALITY CLAUSES F-840-006-B

SQC03	Supplier Furnished Material	Supplier shall submit Chemical and Physical test reports in accordance with the latest material specifications and revision. Distributors must provide a certification verifying the materials traceability to the Mill test reports when supplied. All Distributors and Manufacturers must compare and validate material test reports and certifications to the applicable specifications prior to shipping them to Acro-Spec Grinding.
SQC04	Special Processing Approval	The Supplier is to perform a special process on this purchase order. Special processing may include one of the following processes: heat-treating, stress relieving or Nondestructive testing. Acro-Spec Grinding shall identify the specific process specification and the end user on the purchase order. The Supplier should maintain its special process approval with the end user. If the Supplier is not currently approved for the specified process, it is the Supplier's responsibility to notify Acro-Spec Grinding immediately.
SQC05	Dimensional Inspection Report	The Supplier is to document an actual dimensional inspection report and submit it to Acro-Spec Grinding at the completion of the purchase order.
SQC06	First Article Inspection	The Supplier to submit a First Article per AS9102 with this purchase order. It should identify all of the process specifications and dimensional data.
SQC07	Part Number Serialization	All parts should have unique serial numbers assigned. Supplier is to maintain tractability throughout the production stage.
SQC08	Certificate of Conformance	A certification is required, stating that all of the products or services meet the contractual or purchase order requirements. The certificate must list the part number and all of the applicable process specifications, including up to date revision levels.
SQC09	Key Characteristics Data Required	This purchase order deals with the drawing that identifies key characteristics. Both the Supplier and Acro-Spec Grinding should have established a control plan prior to the placement of this purchase order.
SQC10	BUY AMERICA ACT	Items procured under this purchase order must be compliant with DFAR 252.225-7000
SQC11	ITAR/Export	The Code of Federal Regulations 22 CFR International Traffic in Arms Parts 120 thru 130 apply to all items on this order that meet the requirements of 22 CFR 120. When the Acro-Spec Grinding Contract or Purchase Order defines that the product being purchased is for a military program or is being developed for a military program the supplier shall ensure they are in full compliance with ITAR requirements. The export, re-export, transfer of any documents to any other company, entity, person, or destination, or for any use or purpose other than that for which the documents were provided by Acro-Spec Grinding, or our customer, is prohibited without prior written approval from Acro-Spec Grinding, or our customer, and authorization under applicable export control laws. All documents are confidential and proprietary to Acro-Spec Grinding or our customer.

QUALITY CLAUSES F-840-006-B

SQC12	Raw Materials	Supplier shall provide material, physical and chemical certifications with actual physical and/or chemical results with each shipment as required by the specification. The certifications must meet the following requirements: • Be on company letterhead. • Contain signature and title of an authorized quality representative. • Include specification(s) and revision level(s) used to produce the order. • Certify in accordance with applicable purchase order, contract, drawing and specifications requirements. • All Distributors and Manufacturers must compare and validate material test reports and certifications to the applicable specifications prior to shipping them to Acro-Spec Grinding. In addition to the above: • If the shipment contains multiple processed lots within each manufactured lot, each processed lot must be segregated and identified to maintain complete traceability in each shipment. For instance, a shipment containing two heat-treated lots, each heat-treated lot shall be segregated and identified to maintain traceability in the shipment. • Certifications may be on same page as Manufacturer's C of C if appropriate for the Manufacturer's procedures. Note 1: Certifications shall be made available within 48 hours of specific request. Note 2: Material certifications may be substituted in lieu of a test report if the product is non-metallic. Material certifications submitted in lieu of test reports shall contain the batch number and cure date.
-------	---------------	---