QUALITY CLAUSES F-840-006-A

Product/Service Purchased	Quality Code
Raw Material	**QC01, QC02, QC04, QC05, QC06, QC07, QC15, QC17, QC20, QC21, QC22, QC23, QC24, QC25, QC26, QC27, QC29, QC31, QC32**
Hardware & Other Materials	**QC01, QC02, QC04, QC05, QC06, QC07, QC09, QC13, QC15, QC16, QC17, QC21, QC22, QC23, QC24, QC25, QC26, QC27, QC28, QC29, QC31**
Special Processes (e.g. Heat Treat, Plating, Welding)	**QC01, QC02, QC03, QC05, QC06, QC07, QC10, QC11, QC13, QC15, QC17, QC21, QC22, QC24, QC25, QC26, QC27, QC29, QC30, QC31**
Other Outside Services	**QC01, QC02, QC05, QC06, QC07, QC08, QC09, QC10, QC12, QC13, QC15, QC16, QC17, QC19, QC21, QC22, QC24, QC25, QC26, QC27, QC31**
Calibration	**QC06, QC14, QC21**

Quality Code	Title	Requirement
QC01	Quality System	Supplier shall establish and maintain a Quality System acceptable to Schaffer Grinding Co., 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.
QC02	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 Supplier's Quality System meets the requirements, and/or supplier will be required to complete a Supplier Survey Questionnaire.
QC03	NADCAP Approval	Special processing NADCAP approval is required. The special process requirements will be listed on the actual purchase order.
QC04	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 Schaffer Grinding Co..
QC05	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.
QC06	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.
QC07	Measuring & Test Equipment	The Supplier's equipment shall be calibrated in accordance with ANSI/NCLSL Z540-1 or ISO 10012-1 and traceable to NIST.
QC08	Schaffer Grinding Co. Furnished Property	Supplier is to return all furnished property to Schaffer Grinding Co. 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.
QC09	Parts Identification	The Supplier is to identify parts in accordance with purchase order requirements.
QC10	Nonconformance/Corrective Action	The Supplier is to notify Schaffer Grinding Co. 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.
QC11	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. Schaffer Grinding Co. 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 Schaffer Grinding Co. immediately.
QC12	Dimensional Inspection Report	The Supplier is to document an actual dimensional inspection report and submit it to Schaffer Grinding Co. at the completion of the purchase order.

QC13	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.
QC14	Calibration Vendor	The calibration vendor shall be accredited to ISO 17025. All measuring and test equipment shall be calibrated in accordance with ANSI/NCLSL Z540.3 and traceable to NIST.
QC15	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.
QC16	Part Number Serialization	All parts should have unique serial numbers assigned. Supplier is to maintain tractability throughout the production stage.
QC17	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.
QC18	The Boeing Company Approved Process	The Supplier shall maintain a special process approval from The Boeing Company on this purchase order.
QC19	Key Characteristics Data Required	This purchase order deals with the drawing that identifies key characteristics. Both the Supplier and Schaffer Grinding Co. should have established a control plan prior to the placement of this purchase order.
QC20	BUY AMERICA ACT	Items procured under this purchase order must be compliant with DFAR 252.225-7000
QC21	Right of Entry	Schaffer Grinding Co., 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.
QC22	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.
QC23	Counterfeit Prevention	Vendor must have a process in place to detect and prevent the use of counterfeit parts/materials. The holder of the Schaffer Grinding Co. 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 Schaffer Grinding Co.. 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 Schaffer Grinding Co. PO) must comply with F-814-001 Supplier Counterfeit Prevention Program Requirements (available upon request).
QC24	Control & Monitoring Requirements	Vendor must maintain a Quality Level ≥98% and an OTD level ≥98%. If levels drop below target, supplier will be notified and may be placed on conditional status or disapproved if not corrected
QC25	Change Notification	Supplier is to notify Schaffer Grinding Co. of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and, where required, obtain organization approval.
QC26	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.
QC27	Verification on Supplier's Premises	Verification of product on supplier premises by Schaffer Grinding Co. or its customers, does not remove the obligation to provide conforming products and shall not be used as the organizations evidence of conformity.
QC28	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 Schaffer Grinding Co.. All items are packaged, labeled and transported per their applicable regulatory requirements.

QC29	Obsolescence	Supplier must provide notice at least 180 days prior of any products approaching obsolescence and allow final purchase before obsoleting any product.
QC30	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 Schaffer Grinding Co. 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 Schaffer Grinding Co., or our customer, is prohibited without prior written approval from Schaffer Grinding Co., or our customer, and authorization under applicable export control laws. All documents are confidential and proprietary to Schaffer Grinding Co. or our customer.
QC31	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.
QC32	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 Schaffer Grinding Co.. 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.