



TS INC.

SUPPLIER QUALITY CLAUSES

General Quality Clauses	
QA-01	Machining suppliers must furnish inspection report, certificate of conformance and as applicable material and processing certifications for the parts, they submit to TSI.
QA-02	Documented first article inspection reports shall be submitted to TSI prior to the beginning of production. The supplier assumes all financial responsibility for replacement, rework, and material when production of parts is begun without first article inspection approval from quality. AS9102 format when stipulated on the PO.
QA-03	Any delay in shipment for any reason must be conveyed to TSI quality as soon as the delay is known by the supplier.
QA-04	Any change to the contract requirements by the supplier must be approved by the TSI in writing. Notify TSI of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and, where required, obtain TSI approval.
QA-05	All information in each PO must be held in confidence by the supplier and no third-party request for information will be authorized unless instructed in writing by TSI. All documents to be retained for 10-year min unless extended retention is required by TSI or its customers. When disposing of records, electronic records must be deleted from all computers / servers, etc., and paper files hardcopies must be shredded.
QA-06	In addition to TSI's right of access, the supplier agrees to right of access for TSI customers, or regulatory agencies to the applicable areas of all facilities at any level of the supply chain, involved in the order and to all applicable records in the performance of this contract.
QA-07	Manufactures or machining suppliers must have a quality system in compliance to AS9003, AS9100, or ISO9001; TSI may make conditional exceptions based on supplier survey information or applicable customer requirements.
QA-08	Suppliers are required to notify quality prior to transferring any work to a new facility. TSI will determine (prior to the transfer) if the supplier may perform the transfer of work.
QA-09	Supplier must ensure the items supplied under this purchase order shall contain no metallic mercury or mercury compounds and are free from mercury contamination.
QA-10	Supplier must notify TSI of nonconforming product. Supplier must obtain TSI's approval for the disposition of nonconforming material.
QA-11	Requirements for the supplier to flow down to the supply chain the applicable requirements, including customer requirements in TSI purchasing documents, including key characteristics and applicable F.O.D. control processes where required.
QA-12	Requirements for the supplier to comply with executive order E13224. Supplier shall not engage in any transaction of any type with persons or businesses or organizations who commit, threaten to commit or support terrorism.
QA-13	When ITAR, EAR and/or other government rated data is noted on the purchase order, blueprint, or other manufacturing information, the US government restrictions/requirements must be followed. If you have any questions concerning export controlled items or government rating, notify the company buyer. All concerns must be addressed prior to the acceptance of this order.
QA-14	Supplier must have a process to control counterfeit parts from being delivered to TSI (A product produced or altered to imitate or resemble a product without authority or right to do so, with the intent to mislead or defraud by passing the imitation as original or genuine).
QA-15	All suppliers using conflict materials (Tin, Tantalum, Tungsten, and Gold) must ensure they come from a conflict-free source per the Dodd Frank act section 1502 and a completed EICC reporting template must be sent to TSI before the first shipment of product. When conflict material is used, all product certifications must state that applicable materials were acquired from a conflict-free source.
QA-16	Supplier must ensure its personnel are aware of their contribution to product/service conformity, product safety and the importance of ethical behavior.
QA-17	Supplier must maintain a minimum product/service conformity rating of 95% and a minimum on-time delivery rating of 90%. TSI monitors supplier performance quarterly and will notify applicable suppliers of required action when nonconforming ratings are detected.
Combined Quality Clauses by Commodity: Processing Suppliers	
QC-01	Processing suppliers must furnish processing certifications to TSI purchase order requirements and shall not process any parts for which they are not certificated or approved. Acceptable quality system requirements are AC7004, ISO9001, or AS9100; TSI may make conditional exceptions based on supplier survey information or applicable customer requirements. Supplier must have the ability to ensure the adequacy of the special-process provided and provide TSI the required documentation per purchase order requirements. General QCs QA-03, QA-04, QA-05, QA-06, QA-08, QA-09, QA-10, QA-11, QA-12, QA-15, QA-16 and QA-17 apply.
Combined Quality Clauses by Commodity: Material Suppliers	
QC-02	Material suppliers must furnish material certifications to TSI PO requirements and shall not supply material for which they are not certificated or approved. When noted on our purchase orders, raw material supplied must be USA domestic material. Acceptable quality system requirements are ISO9001, AS9100 or AS9120; TSI may make conditional exceptions based on supplier survey information or applicable customer requirements. The Supplier must have the ability to ensure the adequacy of the product provided and provide TSI the required documentation per purchase order requirements. General QCs QA-03, QA-04, QA-05, QA-06, QA-08, QA-09, QA-10, QA-11, QA-12, QA-15, QA-16 and QA-17 apply.
Combined Quality Clauses by Commodity: Machining & Manufacturing Suppliers	
QC-03	The Supplier must have the ability to ensure the adequacy of the product provided to TSI and provide the required documentation per purchase order requirements. General QCs QA-03 through QA-17 apply.
Combined Quality Clauses by Commodity: Calibration & Testing Suppliers	
QC-04	Calibration and Testing suppliers must furnish calibration/test reports to TSI 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. ISO9001, ISO 17025, Nadcap testing, ANSI Z540, and/or Navlap accreditation will be the quality system requirements; TSI may make conditional exceptions based on supplier survey information or applicable customer requirements. General QCs QA-03, QA-04, QA-05, QA-06, QA-08, QA-09, QA-10, QA-11 and QA-12, QA-16 and QA-17 apply.