

# CUTTING EDGE MFG. SUPPLIER QUALITY CLAUSES

## General Quality Clauses

The Supplier must notify C/E if any of the following requirements cannot be achieved before acceptance of a C/E purchase order.

QA 1	Machining and/or manufacturing suppliers must furnish a certificate of conformance with the product being shipped. If the supplier purchases material or performs processing on the products ordered, then the supplier must furnish material and processing certifications. Manufacturing plans, inspection reports and documents related to the products purchased must remain on file with the supplier and be available upon request. The record retention requirements for suppliers states that records must be retained for 10 years minimum unless extended retention times are required by C/E or its customers, these additional retention times will be noted on C/E purchase orders when required.
QA 2	Documented first article inspection reports shall be submitted to Quality prior to the beginning of production. The supplier assumes all financial responsibility for material, rework and/or replacement when production of parts is begun without first article inspection approval from C/E.
QA 3	AS9102 First Article forms are required.
QA 4	This Purchase Order contains requirements for the approval of product and services, methods, processes, and equipment and/or requirements for the competence or qualifications of the personnel used to fulfill this order. If specific approvals exist for the release of products and services they will be listed on C/E purchase order. See the C/E purchase order for the specific approvals that are required.
QA 5	C/E requires machining and/or manufacturing suppliers to have a quality management system in accordance to AS9003, AS9100, AC7112, AC71122/2 or ISO9001. C/E may make conditional exceptions based on supplier survey information or applicable customer requirements.
QA 6	C/E has documented the identification and revision status of the applicable specifications, drawings, process requirements, inspection/verification instructions and other relevant technical data on the supplier's purchase order. See the purchase order for specific details related to the applicable specifications, drawings, process requirements, inspection/verification instructions and other relevant technical data.
QA 7	C/E has documented the applicable requirements for design, test, inspection, verification (including production process verification), use of statistical techniques for product acceptance, and related instructions for acceptance by the organization, and as applicable critical items including key characteristics on the supplier's purchase order. See the purchase order for specific details related to the applicable requirements for design, test, inspection, verification (including production process verification), use of statistical techniques for product acceptance, and related instructions for acceptance by the organization, and as applicable critical items including key characteristics.
QA 8	C/E has documented the applicable requirements for test specimens for design approval, inspection/verification, investigation and/or auditing on the supplier's purchase order. See the purchase order for specific details related to the applicable requirements for test specimens (e.g., production method, number, storage conditions) for design approval, inspection/verification, and investigation or auditing.
QA 9	The supplier must notify C/E of nonconforming product by phone, email or fax when a nonconformance has been identified. The supplier must obtain C/E's approval of the supplier's disposition of nonconforming material.
QA 10	The supplier must notify C/E of changes in the product and/or process, changes of suppliers, and/or changes of the manufacturing facility location. The supplier must obtain C/E approval in writing to change any contract requirement. If C/E agrees to the change, only customer-designated or approved suppliers, including process sources (e.g., special processes) may be used.
QA 11	The supplier must flow down to its supply chain the applicable C/E requirements including customer requirements.
QA 12	The supplier shall use industry standard, commercially reasonable efforts to prevent and or remove foreign objects that might be considered a potential source of Foreign Object Damage (FOD) from all C/E products prior to shipment.
QA 13	In addition to C/E's right of access, the supplier agrees to right of access for C/E customers, and regulatory authorities 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 14	Suppliers are required to notify quality prior to transferring any work to a new facility. C/E will determine (prior to the transfer) if the supplier may perform the transfer of work.
QA 15	Any delay in shipment for any reason has to be conveyed to C/E quality by phone, email or fax as soon as the delay is known by the supplier.
QA 16	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 17	All information in the contract must be held in confidence by the supplier and no third-party request for information will be authorized unless instructed in writing by a C/E representative. When ITAR and/or government rated data is noted on the purchase order, the US government restrictions must be followed. If you have any questions concerning ITAR or government rating notify the company buyer. All concerns must be answered prior to you accepting this order.
QA 18	All processing suppliers that use conflict materials (Tin, Tantalum, Tungsten, and Gold) must ensure that these materials come from a conflict-free source per the Dodd Frank act section 1502. An EICC Reporting template must be completed and sent to C/E before the first shipment of product to C/E Co.
QA 19	C/E monitors all suppliers' performance on an ongoing basis C/E tracks on-time delivery (OTD) and product conformity (PC) from all suppliers. C/E has established a minimum performance threshold of 95% product quality and 90% OTD. If minimum performance is not achieved by the supplier, supplier will be contacted by C/E Management and corrective action will be requested.
QA 20	Supplier must have a process for training and detection of counterfeit products in order to prevent the use and proliferation of counterfeit products.
QA 21	Supplier must ensure that all its personnel are aware of their contribution to product or service conformity; their contribution to product safety; and the importance of ethical behavior.

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General Quality Clauses combined for Processing suppliers.	
PRC-1	<p>Processing suppliers must furnish processing certifications to C/E purchase order requirements, and shall not process any parts for which they are not certificated or approved. Acceptable quality management system requirements are AC7004, ISO9001, or AS9100; C/E may make conditional exceptions based on supplier survey information or customer requirements. Suppliers must have the ability to ensure the adequacy of the special-process provided and provide C/E the required documentation per purchase order requirements.</p> <p>For Processing suppliers <b>QA 6, QA 7 - QA 21</b> are applicable.</p>
General Quality Clauses combined for Material suppliers.	
MAT-1	<p>Material suppliers must furnish material certifications to C/E purchase order 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 management system requirements are ISO9001, AS9100 or AS9120; C/E 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 C/E the required documentation per purchase order requirements.</p> <p>For Material suppliers <b>QA 6, QA 8, QA 9, QA 10, QA 11, QA 12, QA 13, QA 15 - QA 21</b> are applicable.</p>
General Quality Clauses combined for Machining and Manufacturing suppliers.	
MFG-1	<p>The Supplier must have the ability to ensure the adequacy of the product provided to C/E and provide the required documentation per purchase order requirements. For Machining and Manufacturing suppliers <b>QA 1, and QA 5 - QA 21</b> are applicable.</p>
General Quality Clauses combined for Calibration and Testing suppliers.	
CAT-1	<p>Calibration and Testing suppliers must furnish calibration/test reports to C/E 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 management system requirements; C/E may make conditional exceptions based on supplier survey information or applicable customer requirements.</p> <p>For Calibration and Testing suppliers <b>QA 6, QA 8 - QA 21</b> are applicable.</p>