

**TNN 01, 02, 07, 09, 16, 21, 22, 23 & 24 apply to all Purchase Orders
TNN 03 thru TNN 20 will be referenced on the PO as they apply.**

TNN-QCR01 – Change Authority:

The Organization shall provide in writing advance notification to the Customer of any change(s) to tooling, facilities, materials or processes of the delivered item including sub-tier supplier changes.

TNN-QCR 02 - CERTIFICATE OF CONFORMANCE

A Certificate of Conformance shall accompany each shipment of material defined in the purchase order. The Certificate of Conformance shall be legible and at a minimum, include the TNN Machining purchase order number, quantity, part number, and revision letter, and/or the TNN Machining Job Number or when specified the TNN Machining lot number (when purchaser-supplied material) and the mill heat number when vendor-supplied material.

All supplied raw material shall be of the same lot unless otherwise stated and agreed to per PO. When multiple lots of material are used in completing a shipment, all material lot numbers or mill heat numbers shall be reported and kept separate. When processing is performed against a TNN Machining order, parts shall not be mixed and traceability shall be maintained.

TNN-QCR 03 - CHEMICAL AND PHYSICAL TEST REPORTS

Physical and chemical test report certifications shall be supplied with each shipment. Test reports shall be legible (reproducible condition) and include TNN Machining name, PO #, the material designation, specification and latest revision letter, results of all specified testing requirements, the mill heat number, and any other requirements specified on the purchase order.

TNN-QCR 04 - MILL TEST REPORTS

Physical and chemical test reports originating from the producing mill shall be supplied with each shipment. Test reports shall be legible (reproducible condition) and provide traceable documentation to TNN Machining name and PO #. The material designation, specification, latest revision letter, and results of all specified testing requirements, the mill heat number and any other requirements specified on the purchase order shall be included with the test reports.

TNN-QCR 05 - TEST AND INSPECTION REPORTS

Test and inspection reports as required by the applicable procurement specification must accompany each shipment. Test reports shall be legible (reproducible condition) and include the designation, specification, and latest revision letter.

TNN-QCR 06 - FIRST ARTICLE INSPECTION

First Article Inspection is required on a part representative of the production process to be used in the manufacture of these parts. A copy of the First Article documentation is to be maintained on file and available upon request of TNN Machining.

TNN-QCR 07 - RECORD RETENTION

Vendor shall retain all records pertaining to material, manufacturing processes, special processes, testing, and inspection for seven (7) years or on special projects ten (10) years minimum. Notify TNN Machining prior to destruction.

TNN-QCR 08 - NON-CONFORMING PRODUCT CONTROLS, RECALLS & ESCAPE NOTIFICATION.

Subcontractors are required to report any failure, malfunction, or defect in any product, part, process or article that is manufactured and delivered to TNN Machining.

TNN-QCR 09 - PRODUCT QUALITY

Products shall be uniform in quality and condition, sound and free from foreign materials and imperfections detrimental to the usage of product. The product must be of an overall quality consistent with good industry practices and adhere to requested PO requirements without deviation.

TNN-QCR 10 - STATISTICAL PROCESS CONTROL

Statistical Process Control is required during the manufacture of the item(s) for which this clause is called-out. SPC shall be in accordance with a plan approved by TNN Machining Quality Assurance. Key, Critical & Significant Characteristics are required to meet Cpk 1.33 min. requirements. Control charts shall be submitted with shipment.

TNN-QCR 11 - SAMPLING (C=0)

Unless otherwise specified final acceptance when less than 100%, shall be based on a statistically valid method. Zero defect acceptance (C=0) is the required acceptance criteria to be used.

TNN-QCR 12 - PRECEDENCE OF REQUIREMENTS

In the case of conflicting requirements, the following order of precedence will apply TNN Machining Purchase order, TNN Machining Quality Clauses, Drawing, Material & Process Specification then General Terms & Conditions.

TNN-QCR 13 – TNN MACHINING SOURCE INSPECTION

TNN Machining source inspection is required at vendor's facility. Necessary equipment and assistance shall be made available to purchaser's representative.

TNN-QCR 14 – TNN MACHINING SURVEY/AUDIT RIGHTS

TNN Machining and/or TNN Machining customers (including Government) and Regulatory bodies shall have the right to conduct surveys and perform surveillance of the vendor's and sub-vendor's facilities to evaluate their capability to comply with the requirements necessary to conform to contractual requirements.

TNN-QCR 15 - TRACEABILITY

All parts, material and/or applicable documents must be identified by a manufacturing lot number or batch number by the seller. (A lot or batch number is defined as parts and/or material produced by one manufacturer in one unchanged process, in accordance with the same drawing and/or specification revision.)

TNN-QCR 16- GOVERNMENT, CUSTOMER OR REGULATORY AGENCY INSPECTION

Government, Customer or Regulatory Agency reserves the right to inspect any or all of the work included in this Purchase Agreement at the supplier's plant prior to shipment. Verification by the customer shall not absolve the supplier of the responsibility to provide acceptable product, nor shall it preclude subsequent rejection by customer. Supplier shall be notified prior to shipment if Government, Customer or Regulatory Agency inspection is required.

TNN-QCR 17 - AGE SENSITIVE MATERIAL

C of C for age-sensitive materials shall contain the following as a minimum: Date of manufacture (cure date), shelf life expiration date, and storage conditions to achieve shelf life, if not stated on material package. Shipments with less than 70% of its total shelf life remaining when received by TNN Machining will not be accepted.

TNN-QCR 18 – SUBCONTRACTED SERVICES

Requested services are to be performed by the contracted supplier. Supplier is not permitted to flow down services to a Sub-tier without prior written approval of TNN Machining. If/when approved by TNN Machining, all TNN Machining requirements will be flowed down to the sub-tier supplier (s).

TNN-QCR 19 – FLOWDOWN OF REQUIREMENTS (DFARS 252.225- 7014 (ATTACHMENT 2)

When required by contract or PO, raw material or items which contain "specialty metals" (defined as certain steel and other alloys, titanium, and zirconium) shall be acquired from domestic or "qualifying country" sources.

TNN-QCR 20 - FLOWDOWN OF REQUIREMENTS (NADCAP)

NADCAP Approved Process Source - When required by contract or PO, the requirement for processing by NADCAP approved suppliers shall be flowed down to the supplier.

TNN-QCR 21 - PACKAGING & PROTECTION

Product(s) shipped shall be packaged in a manner to protect the product(s) from damage, harm, contamination and/or deterioration. F.O.D. (Foreign Object Debris) Prevention shall be exercised during the execution of Purchase Order Requirements and shipment.

TNN-QCR 22 - CUSTOMER REQUIREMENT FLOWDOWN TO SUB-TIER SUPPLIERS

All TNN Machining Sub-Tier Suppliers shall comply with TNN Machining's Customer Contractual & Purchase Order Agreements. These Requirements shall be flowed down to all Sub-Tier Suppliers of TNN Machining, as applicable.

TNN-QCR 23 – COUNTERFEIT PARTS

The supply or use of counterfeit parts is strictly prohibited by TNN Machining, Inc. in accordance with AS9100D Clause 8.1.4 Prevention of Counterfeit Parts. All suppliers and employees shall comply, be cognizant and competent in the requirements.

TNN-QCR-24 – SUPPLIER/EMPLOYEE AWARENESS

All Supplier's and TNN Machining, Inc. shall ensure that all relevant personnel are aware of their contribution to product or service conformity, their contribution to product safety and the importance of ethical behavior.