

# Trio Metal Stamping Inc.

## Subcontract Quality Requirements

### General Information

This document establishes Trio Metal Stamping quality requirements and shall define the suppliers responsibilities for assuring the purchased items and or services conform to Trio Metal Stamping drawings, specifications and quality system requirements and other stated purchase order requirements.

### Definitions:

- a) Special Process: Plating, painting, welding, non-destructive testing, heat treat, solder, braze and special coatings.
- b) Certified Operator: Person requiring a certification/document to attest they have gained the skills and experience to perform the special process within the requirement of the purchase order and or referenced process requirements.

### Quality System

(1) Supplier's providing material or services under the **classification of AS9100** shall maintain a quality system that is compliant to AS9100 Rev. C quality system or equivalent and shall be verifiable by Trio Metal Stamping upon request.

(2) Suppliers providing material or services **not** under the AS9100 classification shall maintain a quality system that is compliant to ISO9001/2008 or equivalent and shall be verifiable by Trio Metal Stamping upon request.

### Inspection Requirements

(3) Source Inspection: Product and or services are subject to source inspection at the supplier's facility by Trio Metal Stamping personnel prior to shipment. Source inspection arraignments may be stated on the purchase order and the supplier shall provide a 48 hour advance notice to Trio purchasing.

(4) Government Source Inspection: Flow down requirements for government source inspection may be invoked by our customers purchase orders requirements. Requirement for government source inspection shall be noted on the Trio purchase order and the supplier shall provide a 48 hour advance notification.

(5) First Article Report Prior to Mass Production (**mechanical part**): First Article Inspection reports are required for the initial production run of a mechanical part. The first article report can be made on the supplier format and shall include the required feature to be measured, the stated tolerance for the feature, measurement results and the method or device used to verify the measurement and a disposition of "Accept or Reject" for each feature and a bubbled drawing. The report shall include reference to the Trio purchase order number, be dated and signed or stamped by the person inspecting the part.

(6) Final Inspection (**mechanical part**): Supplier to provide a copy of the final inspection report; shall consist of one measured part of all features the supplier creates or effects on the part. Even if there is no requirement to provide the final inspection report the supplier shall maintain data on file attesting to the part compliance and shall be made available upon Trio request.

(7) Certified Personnel and Process Conditions: Special processing requirements stating the need to have work performed under controlled conditions and or by certified personnel shall maintain documentation attesting to their compliance and be made available upon request by Trio Purchasing/QA.

(8) Final Test / Verification for **Special Processing**: When stated on the Trio Metal Stamping purchase order each shipment must be accompanied by one (1) legible and reproducible report containing the Trio purchase order number, part number, revision, the report shall include a signature or stamp approval of the person performing inspection.

## Trio Metal Stamping Inc. Subcontract Quality Requirements

- (9) Certification of Compliance: Each shipment must be accompanied by a signed copy of a certification stating the items or services were produced in accordance with drawings and specifications stated on the purchase order. The certification must include reference to the purchase order number, revision, quantity and signature of authorized person with their title.
- (10) Chemical and Physical Test Reports for Raw Material: Each shipment must be accompanied by one (1) legible and reproducible copy of all chemical and physical information associated with the material. This report must contain the signature of the authorized representative of the company performing the test and must assure conformance to the specification requirements. The report must also contain traceability to the Trio Metal Stamping purchase order as well as traceability to the originating mill.
- (11) Special Process Certification: The supplier shall provide one (1) legible and reproducible copy of a certificate for each special process performed per the Trio purchase order. Special processes include but are not limited to such processes as heat treat, plating, painting, welding, brazing, anodic or cathodic coatings and non destructive test inspection. The certificate shall include the Trio purchase order number, special process description with any applicable classification, type, grade, thickness, time, temperature or any other applicable requirement noted on the purchase order or specification. The certificate shall bare the signature and title of an authorized representative from the supplier.
- (12) Request for Deviations: Deviations from drawings, specifications and or other stated purchasing requirements shall be made in writing to Trio (purchasing). The request shall include a brief explanation of the root cause and corrective action to prevent the recurrence of the stated deviation. Trio shall provide a disposition in writing, the disposition document must accompany the shipment.
- (13) Nonconforming Material: Authority to ship material which does not conform to stated purchase order requirements must be obtained from Trio Metal Stamping purchasing in writing prior to shipment. Approval to ship nonconforming material does not release the supplier from responsibility of the defect. Material shipped and found to be discrepant shall be returned to supplier at supplier's expense.
- (14) Materials Supplied By Trio Metal Stamping: Items manufactured under this purchase order shall be fabricated from material furnished by Trio Metal Stamping. The supplier is responsible to protect from damage and or deterioration any furnished material or supplies provided for the purpose of manufacture per purchase order requirements. The supplier shall not substitute or alter from it's as "supplied condition" without written authorization from Trio Metal Stamping purchasing. The supplier shall return all unused material or scrap remnants with the completed shipment.
- (15) Calibration: The supplier shall maintain a calibration system that meets ISO/IEC 17025- latest version, and ANSI Z540-1 latest version. The system shall verifiable by Trio Metal Stamping surveillance.
- (16) Record Retention: The supplier shall retain all supporting records of the work performed under the Trio Metal Stamping purchase order for 7 years and said records shall be made available for review if requested by Trio purchasing/quality.
- (16-A) Record Retention: The supplier shall retain all supporting records of the work performed under the Trio Metal Stamping purchase order for 10 years and said records shall be made available for review if requested by Trio purchasing/quality.
- (17) Sub-tier Supplier Controls: Suppliers who subcontract work to their suppliers must flow-down all applicable quality requirements noted on the drawing, purchase order and this document.

## Trio Metal Stamping Inc. Subcontract Quality Requirements

(18) Changes of Process Methods, Suppliers and facilities: The supplier shall notify Trio Purchasing of significant changes to process methods, change of subcontracted suppliers, changes to the product, changes to purchased item(s) being incorporated into the product and changes to the facility that affect the final product being shipped.

(19) Hazardous Material: Supplier is required to submit "Material Safety Data Sheets" (MSDS) with each shipment as applicable.

(20) Right of Access: Right of access shall be granted to Trio, its customers and any regulatory authorities to applicable areas of all facilities used in the performance of the purchase order requirements including records as a result of completed purchase order.

(21) International Traffic and Arms Regulations ITAR: [http://pmddtc.state.gov/regulations\\_laws/itar\\_official.html](http://pmddtc.state.gov/regulations_laws/itar_official.html)

The supplier certifies to inform those employees having access to ITAR controlled documents and technical data, including support documentation of the following:

A) The supplier understands the requirements of ITAR and certifies it will not disseminate any ITAR controlled documents, technical information which would violate applicable export control laws and regulations.

b) Supplier understands that ITAR restricts any Foreign National from having access to possess, view, copy or remove ITAR related documents from the subcontractor's control.

C) Supplier shall not assign any Foreign National to work directly on ITAR sensitive information.

D) Where the supplier provides prints, technical data or documents falling into the description of ITAR controlled items to its subcontractors including e-mails, it will mark such documents with the following or equivalent statement: *This document contains technical data that is controlled by ITAR. Access to this document is restricted to U.S. citizens and lawful permanent residents (US "green card" holders). By accepting this data the consignee agrees to abide by the requirements of ITAR.*

(22) Material Origin: Before processing this order, you must inform Trio Metal Stamping if the material or product for this order has an origin OTHER THAN the U.S., Australia, Belgium, Canada, Denmark, Egypt, Federal Republic of Germany, France, Greece, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom of Great Britain, or Northern Ireland.

(Ref. DFARS 252.225-7001, 252.225-7014 and 225.872-1). Any materials received, having origins other than the countries previously named in this statement, may be rejected for non-conformance to the afore noted clauses and their requirements.

(23) Defense Priorities and Allocations System: (DPAS) the governing contract requires to flow down the DPAS rating to subcontractors. The purpose of DPAS is to assure the timely availability of industrial resources to meet national defense and emergency preparedness program requirements. DOD contracts are assigned a priority ratings to assure that the contract are afforded production priorities for delivery ahead of unrated orders which includes commercial orders. The rating of DX takes precedent over a DO rated contract. For more information see

<http://www.bis.doc.gov/index.php/other-areas/strategic-industries-and-economic-security-sies/defense-priorities-a-allocations-system-program-dpas>

(24) Conflict Minerals: This purchase order requires full compliance with the Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 1502 Conflict Minerals. This clause requires that suppliers do not knowingly procure AT ANY LEVEL OF THEIR SUPPLY CHAIN, Gold, Tantalum, Tungsten or Tin from Conflict areas of the Democratic Republic of the Congo (DRC) and its adjoining countries. Seller agrees by accepting this contract their products are "DRC Conflict-Free".

(25) Mercury-Free Materials: Materials delivered against this order cannot contain and have not come in contact with the element mercury (MC) or mercury compounds known to be chemically or thermally unstable. Mercury contamination shall be the cause for rejection of the materials.

**Trio Metal Stamping Inc.**  
**Subcontract Quality Requirements**

(26) Nadcap Accreditation: Suppliers performing special processing work must hold a current Nadcap accreditation certificate from PRI (Performance Review Institute) and shall be verifiable by Trio Metal Stamping upon request.

27) Flow Down: Supplier is required to flow down applicable Trio quality clauses noted on purchase order and any additional quality requirements stated on the Trio purchase order to its applicable sub-tire suppliers.

28) Counterfeit Parts Prevention: Supplier warrants that only new and authentic materials are used in products required to be delivered to Trio Metal Stamping Inc. and that work delivered has no counterfeit parts. The supplier shall maximize availability of authentic materials and procure material from reliable sources. In addition the supplier shall assure certification, traceability, testing and inspection appropriate to the commodity/item in question. The supplier shall control material identified as fraudulent/counterfeit and report suspect or confirmed fraudulent /counterfeit material to other potential users and Authority Having Jurisdiction.

29) RoHS Compliance, Restriction of Hazardous Substances: Which include Mercury (Hg) <100 PPM, Lead (Pb) <1000 PPM, Cadmium (Cd) <100 PPM, Hexavalent Chromium (Cr VI) <1000 PPM, Polybrominated biphenyls (PBB) <1000 PPM, and Polybrominated diphenyl (PBDE) <1000 PPM.

Accepting this purchase order requires supplier compliance that the processes, materials, parts/components may be used to produce RoHS compliant parts/products.

30) FOD Foreign Objects and Debris: The intent of the FOD requirement is to ensure no foreign material is shipped back with the finished product from the supplier's facility. FOD can be many things such as tools, gages, food items, or any objects of any kind that if shipped to the end user may cause harm during assembly or operation. The exception would be packing materials and dunnage used to secure the package for shipping.

31) Revision Control for Specifications Noted on Trio Purchase Orders: Unless otherwise specified it is the responsibility of the supplier to process and certify work to the current approved revision for the noted specification on the Trio purchase order.