



Supplier Provision Quality Requirements

MA 300-001

MACRO Industries, Inc

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Document Revision History			
Revision	Release Date	Change Description/Pages Affected	Approver
-	9/20/2024	Document derived from MA FRM 840-002. General updates throughout document. Pg: All	A. Callis

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1.0 Scope

The purpose of this document is to outline general and specific requirements of MACRO Industries, Inc Purchase Orders. Unless otherwise specified in the Contract, the general requirements below apply to all purchase orders. MACRO Purchase Orders will list any specific requirements.

Unless otherwise stated by supplier and receipt by MACRO is acknowledged, MACRO assumes that suppliers agree to the requirements outlined herein and specified on PO. Suppliers will be liable for any requirements not met.

2.0 General Purchase Order Requirements

Purchase Order Receipt and Verification

The Supplier shall verify all purchase orders issued by MACRO Industries upon receipt. Any discrepancies shall be communicated to and resolved with MACRO Industries purchasing before acting on the purchase order. Additionally, the supplier shall notify MACRO Industries of any potential risks associated with meeting the scope of the order.

Management System Changes

Suppliers shall notify of any changes to their Management Systems prior to fulfilling POs, including changes in Certifications (i.e., ISO9001, AS9100) or Management Representatives.

Acceptance Authority Media

A media used to record the status of tasks/operations on product or product records during and upon completion of the development, manufacturing, modification, repair, and support processes. When acceptance authority media are used (e.g., stamps, electronic signatures, passwords), the organization shall establish appropriate controls for the media.

Certificates of Compliance

The vendor shall provide a Certificate of Compliance (CoC) that all materials, processes, and / or finished items supplied under this purchase order conform to applicable material and/or process specifications and are as specified by MACRO Industries Purchase Order. The Certificate of Conformance shall identify the items covered by the certification. Material test results when applicable will be delivered with CoC. Materials received without certification may be rejected and returned at vendor's expense. Certifications shall be signed by a responsible member of the vendor's firm and represent supplier's confirmation that any nonconformances and or counterfeit items are not included in the delivery.

Supplier Sub-tier Control

Supplier is responsible for ensuring the following:

- All items procured from its sub-tiers conform to all requirements of the purchase order.

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- All applicable provisions of this document are flowed to its subcontractors including copies of the latest revision process specifications.
- Sub-tier supplier quality systems shall be compliant to the same or a higher level than the supplier requirement.
- Non-disclosure agreements need to flow down to sub-tiers when providing proprietary drawings, specifications, or data.

Distributors

The technical and quality requirements of the purchase order apply to both you and the manufacturer of the material. The original manufacturer's certificate of conformance must accompany the part.

Access Rights

MACRO Industries reserves the right to review control methods and inspect material included in this order at the supplier's plant and at any sub-tier plant. Access rights shall be extended to our customer and Government or Regulatory Agency representatives.

Source Inspection

When source inspection by MACRO Industries is required, the supplier is responsible for inspecting and presenting a fully conforming product to MACRO Industries Quality Assurance Representative.

The supplier shall provide an adequate work area, a current copy of the purchase order, packing slips, all applicable drawings and specifications, required certification/test reports, and all necessary inspection equipment that the MACRO Industries Quality representative may require. The source inspection requirement will be identified on the Purchase Order or subcontract.

Nonconforming and Counterfeit Material

Supplier must receive Authority to Ship any nonconforming material from MACRO prior to delivery. Nonconforming material shipped without prior approval is subject to return at the supplier's expense. Supplier is required to report to MACRO if a product or article has been released from that supplier and subsequently found not to conform to the applicable design data.

The supplier **must** notify MACRO of any suspicion that counterfeit materials or parts may be an issue at any point during the item's lifecycle, whether before or after shipment. MACRO will evaluate the concern and provide guidance on the appropriate course of action.

Control of Quality Records

All Quality Records must be legible, reproducible, and clearly linked to the relevant purchase order. These records must be stored and maintained in a manner that ensures easy retrieval and protects them from deterioration, damage, or loss. This requirement applies to both our suppliers and any lower-tier suppliers.

The retention period for Quality Records is 5 years from the completion of the purchase order, unless otherwise specified. MACRO Industries, our customers, government, or

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regulatory agency representatives must have access to review these records as they relate to the order, and copies shall be provided upon request.

Supplier Employee Awareness

Supplier ensures that employees are aware of their contribution to product and service conformity. Supplier shall notify MACRO of any risks to conformity or on-time delivery identified.

Suppliers shall employ their own standards for ethical behavior and ensure employee compliance. Supplier standards for ethical behavior shall include:

- Employee accountability to terms of the agreed Purchase Order.
- Supplier compliance with applicable laws and regulations.
- Compliance with applicable Non-Disclosure Agreements (NDAs) and the implementation of appropriate measures to protect any confidential specification documents (e.g., drawings, material specification, etc.)

3.0 Specific Purchase Order Requirements

Specific Quality Provision Requirements apply when specified on Purchase Order or Subcontracts. Suppliers are responsible for notifying MACRO of any specific requirements that cannot be met prior to acceptance of PO.

1. Traceability

Supplier must maintain traceability from receipt of raw material through finished product. Records and material must be identified by lot number, material type, specification and applicable revision identifier or date of issue, heat number, serial number, etc., as required to maintain traceability. Traceability Records must be provided to MACRO upon delivery AND be maintained as Quality Records, outlined in the General Requirements section.

2. Change Notification

The supplier must provide MACRO with written notification of any changes made during the performance of this contract that could affect the process, design, fabrication, testing, facilities, or materials impacting the form, fit, function, reliability, or interchangeability of the end item as specified in the drawing or specification requirements. The supplier must allow MACRO Industries to review and evaluate these changes for compliance with contractual Quality Assurance requirements, including obtaining any necessary approvals, prior to proceeding with the modifications.

3. Special Process Control

Supplier shall provide Certificates with each shipment to specify that all special processes or inspection methods, such as plating, anodizing, chemical treatment, heat treatment, destructive or non-destructive testing, or any other special processes, comply with requirements of the drawing, specification, or Purchase Order and are accomplished by an approved source, using approved equipment, methods, and personnel.

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4. Supplier Inspection

The supplier shall perform 100% inspection for in-process and final verification inspections **OR** the supplier shall conform to SAE AS9138 QMS Statistical Product Acceptance Requirements when using a statistical sampling plan, including C=0 acceptance criteria for deviations.

Note: For items identified with "Safety" or "Critical" characteristics, more stringent requirements apply. The supplier must ensure that either 100% inspection is performed, or that a C=0 sampling plan is used without exception to guarantee zero defects. Any deviations from these critical characteristics must be communicated and approved by MACRO Industries prior to proceeding.

5. Raw Material Identification

All raw material including plates, bars, extrusions, sheets, etc. of aluminum, steel, or other material, must be identified per the applicable specification. Products manufactured from raw materials shall include full traceability outlined in **1. Traceability**.

6. Material Review

Material or Parts dispositioned as Use-As-Is or Repair must be approved by MACRO prior to use in product or delivery.

7. ESD Packaging/Packing Requirements

Products or materials sensitive to electrostatic discharge (ESD) must be packaged in accordance with MIL-B-81705 standards, with appropriate labeling applied on at least two sides of the package. Static-sensitive parts must be packed in a conductive frame or with leads inserted in a way that protects them from electrical charges.

8. Chemicals

Deliveries containing chemicals must comply with EPA, ECRA, OSHA, and DOT requirements for transportation, labeling (smallest unit containers and outer packaging), special or unusual handling requirements, and spill instructions.

Note: A copy of MSDS or other technical/safety documentation must be provided with shipment.

9. Limited Life Items (Shelf Life)

Date of Manufacture and Shelf Life must be provided with each limited life item. Limited life items must have a minimum of 80% Shelf Life remaining upon receipt at MACRO, or the supplier must notify MACRO of Shelf Life less than 80% prior to delivery.

10. Part Identification

Parts must be marked according to the applicable drawing and include the manufacturer's cage code, preceded by "MFR." Marking should comply with the latest revision of MIL-STD-130 or as specified on the purchase order (PO) and be applied in the approximate location and method indicated on the drawing.

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For parts not requiring marking per drawings, packaging and identification must still comply with MIL-STD-130, with the tag including nomenclature, part number, revision, and manufacturer's cage code preceded by "MFR."

An IUID (Item Unique Identification) marking is required when DFARS 252.211-7003 (Item Identification and Valuation) is specified on the PO.

Products must be serialized according to the supplier's defined serialization scheme as per the applicable drawings or specifications. The scheme must prevent duplicate serial numbers for parts with the same part number and provide an audit trail linking to all relevant material, fabrication, assembly, inspection, and testing documentation.

11. Wire, Braid, Sleeving, Tubing and Cable

All wire, braid, sleeving, tubing, and cable must be provided as a continuous piece. Splicing, melting, or bonding of these materials will not be accepted.

12. Fasteners

Each container of fasteners must be clearly marked with the lot number from which the fasteners were taken. The supplier must provide a Certificate of Conformance (CoC) for each part number included in the shipment. The CoC must include, at a minimum: the supplier's name, applicable standards and specifications, the manufacturer's name, lot number, purchase order number, and item number (if applicable). The CoC must also confirm that a written certificate from the manufacturer is on file at the supplier's facility and is available for review by MACRO Industries upon request.

The manufacturer's certificate must state that:

- The fasteners have been manufactured in accordance with the applicable standards and specifications and have been inspected and tested by a laboratory.
- An original laboratory test report is on file with the manufacturer and is available for inspection.

13. Buy American

Country of Origin certificate must accompany products and must be completely traceable to raw material.

14. First Article Inspection (FAI or FAIR)

First Article Inspection conducted per AS9102 Standard. First Article Inspection Report to accompany the product.

Note: Where applicable, contact MACRO QA for approval for Delta or Partial FAI prior to production.

15. Bearings

Certification stating that bearings were made in the US or Canada required (mandatory for US Government contracts).

16. Calibration Control

Equipment Calibration Control of all measurement devices required IAW NIST/ISO17025. Where applicable, Certificate of Calibration must accompany shipment.

17. Government Inspection

When required, an inspection conducted by a Government representative must be conducted on-site prior to shipment. Supplier responsible for coordination and facilitation of inspection. Promptly notify MACRO of any scheduled inspections.

18. Commercial Aircraft Part Identification

In accordance with Federal Aviation Administration (FAA) regulations, parts must be identified with one or more of the following, as applicable.

- FAA Form 8130-3, “Authorized Release Certificate”, “Airworthiness Approval Tag”
- FAA Technical Standard Order (TSO) markings on part and associated TSO certification.
- FAA Parts Manufacturing Approval (PMA) markings on part and associated PMA certification.
- FAA Production Certificate statement on associated shipping documents that indicates the part was produced under FAA Production Certificate.
- Certificate of Conformity from the Supplemental Type Certificate (STC) holder; shipment of parts based on a STC must be shipped with documentation referencing the STC.
- Maintenance Release Documentation with all applicable information and accomplished by those authorized to perform maintenance, preventive maintenance, and alterations IAW FAR Part 43.

19. Defense Priorities and Allocations System (DPAS) Surveillance Codes

In accordance with the government contract, if a DPAS surveillance code is identified, the following applies to all sub-tier suppliers: ‘This is a rated order certified for national defense use and, you are required to follow all provisions of the Defense Priorities and Allocations Systems Regulation (15 CFR 700 statement).’