

Arco Metals, Inc. Supplier Quality Requirements

Codes highlighted in **red** are standard default requirements that apply to every purchase order, unless they are specifically removed by purchase order statement. Items not in red will be specified in the body of the purchase order.

QA Code Explanation

CMA Counterfeit Material Avoidance Process Required - the supplier must establish a program to prevent the purchase and use of anything but genuine products and hardware that meet the required military or commercial specifications called for by the part drawings and associated parts lists or specification. Those products must come from known, established and trusted sources. Suppliers may check with Arco Metals, Inc. for a list of approved vendors.

CoC C of C – Certificate of Compliance required. The certificate of compliance should include, at minimum, the following: The supplier's name and address, the Arco Metals, Inc. PO#, the P/N and Revision of the item (drawing number) as well as the quantity being shipped, a statement of conformance and the signature of an authorized person from the seller.

C/P Chemical / Physical certifications required for material – Raw material certifications that are traceable to the original mill and country of origin are required. Chemical / physical certifications for COTS, MS, NAS, etc., not required unless specifically stated in body of purchase order.

CRR Change request required before any deviation from drawing or specification – A written request must be submitted and approved (in writing) before any change that affects material, form, fit, function, safety, weight, reliability, maintainability or interchangeability can be made to any product. ARCO METALS, INC. must also be informed of any major change that may affect any of the above. Examples include relocating your facility, a major process change or a change to a critical supplier or source of outside process.

CSC Cybersecurity Controls: All contractors and subcontractors are required to provide adequate security on all covered information systems – systems that process, store, or transmit federal contract information (FCI) or covered defense information (CDI).

- **Federal Acquisition Regulations (FAR) 52.204-21, *Basic Safeguarding of Covered Contractor Information Systems***, can be found at <http://farsite.hill.af.mil> under Regs, then FAR, then 52.200.
- **Department of Defense Federal Acquisition Regulations Supplement (DFARS) 252.204-7008, *Compliance with Safeguarding Covered Defense Information Controls*, and 252.204-7012, *Safeguarding Covered Defense Information and Cyber Incident Reporting***, can be found at <http://farsite.hill.af.mil> under Regs, then DFARS, then 252.000.

The controls apply to information that is unclassified, but still needs to be controlled. Items marked with DoD Distribution Statements B through F (http://www.dtic.mil/dtic/submit/distribution_limitations_and_statements.html), statements of work, and specifications are a few of the many types of information that can fall within these definitions and need to be adequately secured.

This clause is not applicable to Commercial Off the Shelf (COTS) items.

DFAR Material must originate from a qualifying country source on the list of approved countries on the DFAR 225.872.1 list.

FAI 1st Article Report required – The seller shall supply a report showing actual measured values for 100% of all features of the product and drawing notes.

FOD FOD system – parts shall arrive at ARCO METALS, INC. clean, burr free and without any foreign objects in the product itself or any associated packaging.

INS INS Supplier inspection system required – the supplier must implement and maintain an inspection system that at the very least will guarantee that their product conforms to all required drawings, specifications, inspection, testing and contract requirements.

IPC In-process control sheets required - Use of the Arco Metals, Inc. operation control sheet form required unless supplier form is approved by Arco Metals, Inc. Quality Manager prior to manufacture.
Unless otherwise specified by drawing / purchase order statement, all characteristics shall be minor. Acceptance Sampling is permitted on Major and Minor characteristics under the following conditions:
1) Sampling to be conducted in accordance with ANSI/ASQC Z1.4, Single Sampling Plan, Level II, AQL 1.0% or any nationally recognized sampling plan where the lot acceptance number shall be zero (C=0).
2) The AAQL for Major Characteristics shall not exceed 1.0% and the AAQL for Minor Characteristics shall not exceed 4.0%.
3) Sampling is not permitted on any Critical Characteristics.

MPA Manufacturing process audit / survey – Arco Metals, Inc., and / or end customer or regulator agency, reserves the right to visit the supplier for purposes of process verification and/or quality system audit /survey and all applicable records.

NCM Non-conforming Material system – Suppliers shall establish and maintain a system to control non-conforming material. Non-conforming material is defined as any material that does not completely meet the associated drawing or specification. Non-conforming material must be withheld from shipment. The cause of the non-conformance must be analyzed and documented along with its root cause and a corrective action designed to prevent any similar occurrence in the future. In the event that a defect is discovered after product ships, the supplier must inform Arco Metals, Inc. within 24 hours of the problem being discovered.

NCMR The supplier agrees to respond to any NCMR (non-conforming material report) that is created by Arco Metals, Inc.. That response must be made promptly and contain root cause that created the non-conformance and a valid corrective action designed to prevent any similar occurrence in the future.

QMS Minimum Quality Management System – An ISO9001/AS9100 compliant quality system for process control, process change, personnel training/qualification is required. Examples of approved systems include ISO9001 (raw material suppliers), AS9100 (manufacturing) and NADCAP (special process finishing).

QMS1 Third Party Approved Quality Management System – Third part registered quality system is required. Examples of approved systems include ISO9001 (raw material supplier), AS9100 (manufacturing), NADCAP (special process finishing), Customer (i.e. Boeing, Lockheed Martin, GE Aviation, etc.) approved processor.

QRFD Quality Requirement Flow Down - All imposed quality requirements shall be flowed down to subcontractors / suppliers. Subcontracting shall not be permitted without prior written approval by Arco Metals, Inc..

REC-7 Supplier must maintain records - 7 yr minimum - all records of inspection and associated documents such as material, hardware and finish certifications shall be keep on file and available for review for a minimum of 7 years.

REC-10 Supplier must maintain records - 10 yr minimum - all records of inspection and associated documents such as material, hardware and finish certifications shall be keep on file and available for review for a minimum of 7 years.

TRFK Supplier required to meet the conditions as set forth on DFARS 252.222.7007, Representation Regarding Combating Trafficking in Persons.