



## Ross Machine Company Quality Codes

<u>QA Code</u>	<u>Explanation</u>
CMA	Counterfeit Material Avoidance Process Required
CoC	C of C
C/P	Chemical / Physical certs required for material
CRR	Change request required
DFAR	DFAR Material required
FAI	1st Article Report required
FOD	FOD system
INS	Supplier inspection system required
IPC	In-Process check sheets required
MPA	Manufacturing process audit / survey
NCM	Non-conforming Material system required
NCMR	The supplier agrees to promptly respond to any NCMR (non-conforming material report) that it receives from RMC.
QMS	Third Party Approved Quality Management System
REC-7	Supplier must maintain records - 7 yr minimum
ITAR	ITAR regulated documents
CALIB	Calibration documentation

Assume all codes apply to all PO's.

Definitions:

**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 specs. Those products must come from known, established and trusted sources. Suppliers can check with Ross Machine for a list of approved vendors.

**CoC** C of C – Certificate of Compliance required. The cert should include, at minimum, the following: The supplier’s name and address, the Ross Machine PO#, the P/N and Revision of the item 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 certs required for material – Certs that are traceable to the original mill are required.

**CRR** Change request required – A written request must be submitted and approved (also in writing) before any change that affects material, form, fit, function, safety, weight, reliability, maintainability or interchangeability can be made to any product. RMC 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.

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

**DPAS** DPAS Rating: If a DPAS rating is indicated on the Purchase Order, this order is issued under a US Government Department of Defense prime or subcontract. Seller shall follow provisions of the Defense Priorities and Allocation Systems regulation (15 CFR Part 700) and the regulations of identified clauses set forth in the Federal Acquisition Regulations (FAR) or DOD FAR (DFARS) in effect on the date of this order are incorporated herein by reference, it being understood that as used therein, the terms “Government” and “Contracting Officer” shall be deemed to mean Buyer, “Contractor” Seller, and “Contract” this Purchase Order or Subcontract. The identified requirements also apply to the seller’s sub-tier suppliers and subcontractors.

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

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

**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 check sheets required. Use the Ross Machine check sheet form and an AQL of 1.0 from the C=0 Sampling Plan that was provided.

**MPA** Manufacturing process audit / survey – Ross Machine reserves the right to visit the supplier for purposes of process verification, evaluation, review and/or quality system audit or survey. If required, Ross Machine may also visit with our customers or related regulatory agencies.

**NCM** Non-conforming Material system required – 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 Ross Machine 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 Ross Machine. 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** Standard Third Party Approved Quality Management System – A recognized third party quality system is required. Examples of approved systems include ISO, AS and NADCAP.

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

**ITAR** One or more documents used on this Purchase Order contains Technical data as defined in 22CFR 120.10 of the International Traffic in Arms Regulations (ITAR) and is subject to the export control laws of the U.S. Government. Transfer of this data by any means to a foreign person, whether in the U.S. or abroad, without an export license or other approval from the U.S. Department of State, is strictly prohibited.

**CALIB** Calibration must be traceable to NIST or other nationally recognized laboratory. The certificate should, at minimum, include the following information – the serial number of the tool, the calibration date and next due date, temperature and humidity at the time of calibration, list of instruments used to perform the calibration and their calibration due dates.

Revisions:

12/9/14 – original release – PJ

1/28/15 – added notice of process change to CRR. Also added the sentence about notification of a defect found after shipping to clause NCM.

1/30/15 - Made NCM a default requirement (highlighted in RED on pg 1).

2/22/17 – Added ITAR clause as a default requirement (highlighted in RED on pg 1). Edited Clause MPA to make it a default requirement (highlighted in RED on pg 1) and also to include visits by our customers and/or regulatory agencies.

3/23/17 – Removed the red highlights from all requirements and added the note instructing suppliers to assume all requirements apply to all PO's. Also added the CALIB requirement that had previously only appeared on our Calibration PO.

5/8/24 – Added page border. Updated with new logo. Changed title from 'RMC Quality Codes for Vendors' to 'RMC Quality Codes'. Added DPAS requirement.