

Magnetic Component Engineering, Inc.



Special Purchase Order Conditions

QF-100 Rev. 2.0 (ECO# 4248 11/07/2005)

Copyright 2005
Magnetic Component Engineering, Inc.



Table of Contents

Q01 Certification of Conformance.....	3
Q02 Measuring and Test Equipment	3
Q03 Inspection/Test Reports	3
Q04 Buyer Surveys, Surveillance, Audits, and Inspection	3
Q05 Raw Material Certification	3
Q06 Special Processes	3
Q07 Limited Shelf Life Materials.....	3
Q08 Flow Down Requirements	4
Q09 Right of Access	4
Q10 Sample Inspection.....	4
Q11 Nonconforming Material Notification	4
Q12 Change in Product or Process definition	4
Q20 BH Curves Required.....	4
Q30 Preproduction Samples.....	4
Q31 First Article Inspection Report (FAIR)	4
Q32 FAIR Submission.....	4
Q34 100% Inspection Required	4
Q35 SPC Program	5
Q36 MCE Source Inspection	5
Q40 Calibration Services provided to MCE	5
Q50 Defense Priorities and Allocations System (DPAS) applies.....	5
Q51 Customer approved Special Process Sources	5
Q53 Government Inspection	5
Q54 Quality Management System Requirements	5
Q55 Qualification of Personnel.....	6
Q56 Approval of Procedures, Processes and Equipment	6
Q90 Compliance to DFARS 252.225-7014	6



Q01 Certification of Conformance

The Supplier shall furnish, with each shipment, a Certificate of Conformance that shall be signed by a responsible representative and must show the part number, revision level, Purchase Order number, date of manufacture, and title of the responsible person.

Q02 Measuring and Test Equipment

Supplier shall establish and maintain documented procedures to control, calibrate, and maintain, inspection measuring and test equipment used by the Seller to demonstrate the conformance of product to the specified requirements. This system shall meet the requirements of ISO 10012-1, ANSI/NCSL Z540-1-1994, or equivalent as a minimum.

Q03 Inspection/Test Reports

Seller shall retain records of inspections/tests and raw material certifications relevant to this procurement for a period of 5 years minimum. Use of correction fluid or correction tape on quality records is prohibited. Legibility of quality records must be protected for the entire duration of retention time.

Q04 Buyer Surveys, Surveillance, Audits, and Inspection

Buyer has the right to conduct surveys, audits, and surveillance of Seller's facilities, or those of Seller's subcontractors or suppliers with prior coordination with Seller to determine the capability to comply, and to verify continuing compliance, with the requirements of the Purchase Order.

Q05 Raw Material Certification

With each lot of raw material delivered or used to fabricate products on this Purchase Order, the supplier shall furnish a certified "Raw Material Test Report". The Test Report shall include, name of the company that furnished the material, as well as material description, name or designation, alloy, type and class.

Q06 Special Processes

Supplier must include a Certificate for each special process that was performed, including class, type, and grade as applicable.

Q07 Limited Shelf Life Materials

With each delivery of materials on this Purchase Order, that have a limited or specified shelf life, the Supplier shall furnish the cure or manufacture date, expiration date or shelf life, storage temperature, lot or batch number, and any special handling procedures that need to be followed. Materials shipped to MCE against this Purchase Order must have a minimum of 75% of the maximum Shelf Life from the date of manufacture, unless otherwise approved by MCE in writing.



Q08 Flow Down Requirements

Supplier shall flow down to sub-tier suppliers the applicable requirements in the purchasing documents, including key characteristics.

Q09 Right of Access

Supplier shall provide access to MCE, its customer, and regulatory authorities to all facilities involved in the performance of this order and to all applicable records.

Q10 Sample Inspection

Sampling Plans used by the Seller shall conform, at a minimum, to ANSI/ASQ Z1.4. Buyer's acceptance is based on C=0.

Q11 Nonconforming Material Notification

Supplier must submit to MCE in writing of any nonconforming material/product produced during the performance of this Purchase Order. Supplier must obtain MCE's approval in writing prior to the disposition of such material/product. Supplier may not use "use-as-is" or "repair" disposition unless approved by MCE.

Q12 Change in Product or Process Definition

Supplier must notify MCE, and must obtain approval from MCE should there be a change in product or process definition.

Q20 BH Curves Required

Supplier of magnet material must submit a BH Curve (2nd quadrant demagnetization curve) from the same heat lot (production lot) of material that Supplier is sending to MCE.

Q30 Preproduction Samples

The Supplier shall furnish preproduction samples in the quantities and under the conditions specified in the Purchase Order. The process adopted for manufacture shall be verified by the submission of preproduction samples as stated in the Purchase Order.

Q31 First Article Inspection Report (FAIR)

The Supplier is required to perform a FAIR on a minimum of 2 units prior to running the production. FAIR must be sent to MCE for approval prior to running the production run.

Q32 FAIR Submission

Supplier must submit the FAIR on the SAE AS9102 form.

Q34 100% Inspection Required

The products purchased in this Purchase Order must be inspected for all features 100%.



Q35 SPC Program

Seller shall utilize an SPC program to establish, control, and verify process capability, product characteristics, and process improvement. In the event a process capability $Cpk = 1.33$ cannot be achieved, Seller shall notify the buyer immediately along with appropriate corrective actions to achieve this.

Q36 MCE Source Inspection

Magnetic Component Engineering, Inc., herein referred to as "MCE", inspection is required prior to shipment from your plant. Notify the MCE buyer five (5) days in advance of final inspection so that arrangements for source inspection can be coordinated. MCE source inspection shall not constitute product acceptance, nor shall it relieve the Supplier of any liability for full compliance with the requirements of the Purchase Order.

Q40 Calibration Services provided to MCE

All calibration services provided to MCE shall be done to one of the following standards, ANSI/NCSL Z540-1-1994 or ISO10012. Seller shall provide a certificate that shall reference the standard used to perform the calibration.

Q50 Defense Priorities and Allocations System (DPAS) applies

This is a rated job that may have national or defense significance. Supplier shall follow the provisions of 15 CFR 700.11. Supplier shall flow down the DPAS requirements to their sub-tier suppliers.

Q51 Customer approved Special Process Sources

Seller must use MCE's customer's approved special process sources for any special processes on this Purchase Order.

Q53 Government Inspection

Government Source Inspection is required prior to shipment from Seller's Facility. Upon receipt of this Purchase Order, Seller is required to immediately notify and provide a copy of the Purchase Order to the Government representative who normally services the Seller's facility so that the appropriate planning for government inspection can be accomplished. If a Government representative does not normally service the Seller's facility, the nearest Army, Navy, Air Force, or Defense Supply Agency Inspection Office shall be contacted. In the event that a Government representative cannot be contacted, the Seller shall notify the Buyer in writing immediately.

Q54 Quality Management System Requirements

Supplier shall maintain a Quality Management System that shall, at a minimum, meet the requirements of ISO9001:2000, or if specified in the Purchase Order, SAE AS9100B. Supplier must be audited and certified by an independent agency while performing on this Purchase Order.



Q55 Qualification of Personnel

Supplier must submit a list of qualifications of personnel that will work on this job for MCE's approval prior to commencing production.

Q56 Approval of Procedures, Processes and Equipment

Supplier must submit all procedures, processes and equipment list prior to production for MCE's approval.

Q90 Compliance to DFARS 252.225-7014

Supplier must be in compliance with DFARS 252.225-7014, Preference for Domestic Specialty Metals, Alt I during the performance of this contract. Specialty metals must be melted in the United States or a qualifying country, or they can be melted anywhere but must be "incorporated in an article manufactured in a qualifying country". Seller must contact Buyer if additional information or clarification is required to comply with this.