



SUPPLIER QUALITY SYSTEM REQUIREMENTS

DATE: 3/02/06

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1.0 SCOPE

To describe the quality requirements for supplier services as they relate to finish product quality. This procedure will be part of the purchase order requirements.

1.1 APPLICATION

Applies to suppliers who perform work, specialized services or deliver supplies that affect the finish product quality.

1.2 DEFINITIONS

Supplier - Company that supplies Mill Products with commodity items and raw materials. When the term "Supplier" is found in the following text, the requirement is for the "Subcontractor" also.

Subcontractor - Company that does value added operations to our material such as ; rolling, polishing, slitting and tin coating.

2.0 REFERENCE MATERIALS

2.1 Olin Purchase Orders or Contracts

2.2 Olin Material Specifications

2.3 ASTM, Military, or Customer Specifications

2.4 QSA, Quality System Assessment

2.5 Designated Significant (Key) Supplier List

3.0 PROCEDURE

3.1 Designated significant (key) supplier are required to maintain an active quality program to insure the quality and consistency of their products and services.

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3.1.1 Suppliers and Subcontractors are required to deliver material on time. Purchasing will track the on-time performance of our suppliers and subcontractors.

3.2 Olin purchase orders and contracts will contain a description of the service/supplies being ordered and reference applicable specifications and any special manufacturing, inspection, testing, packing, etc. requirements and acceptance criteria. If no specification is listed, the suppliers must comply with the latest applicable ASTM specification.

Suppliers are required to review the Olin P.O. or contract and resolve any questions, regarding the quality requirements before work commences.

3.3 Suppliers are required to maintain the accuracy of measurement and testing equipment and to calibrate this equipment at regular intervals against certified measurement standards which have known valid relationships to national standards.

3.4 Suppliers are expected to maintain a positive system for identifying the inspection status of products. Nonconforming products must be clearly identified with distinctive tags (or equivalent) and must be segregated from other in-process and finish products.

*Olin Brass uses a 6-digit round number (RN) which is an individual master coil number. The RN maintains traceability from casting through finish processing. Suffixes may be added if the RN is slit (-1,-2,---) or cross out (-A,-B,---). Any clad product will be identified with a 6 digit coil number (CN).

*Suppliers are required to maintain the Olin Brass RN through their manufacturing process and to re-identify the finished product with this RN with appropriate suffixes.

(*Applies to suppliers who add additional value to Olin base metal (i.e., plating, dry rolling, etc.).

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All records must trace the progress of material from each specific RN on manufacturing, inspection and testing reports. Certifications must show each RN processed and the minimum to maximum range of values of each critical characteristic listed in the purchase order or contract.

- 3.5 Suppliers are required to certify their work as indicated in the Olin P.O. or contract.
- 3.6 Suppliers are required to notify Olin Brass immediately of any changes in their design, specifications, manufacturing processes or statistical process capability that may effect the composition, quality, appearance, properties, or usability of their finish products.
- 3.7 Suppliers are required to notify Olin Brass immediately if there is any evidence to suggest that nonconforming material has been shipped to Olin Brass or to any Olin Brass customer.
- 3.8 The effectiveness and integrity of the Supplier quality program may be audited by Olin Brass Quality Assurance personnel (or a designee) at intervals consistent with the nature, complexity and quality of product purchased.

Test reports, inspection records, calibration records, written procedures, SPC data and other suitable evidence relating to the supplier quality program will be included in this audit. Suppliers certified to ISO 9001-2000 may only need to be audited by Olin personnel, if their supplier rating falls below 80 points.

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- 4.0 In general, suppliers of MRO (Maintenance, Repair, and Operating) supplies are exempt from this Supplier Quality Program. As determined by Purchasing, Quality, Manufacturing or other related departments, MRO supplies may be purchased from suppliers which have been designated Significant (Key) Suppliers, but do not necessarily fall under the same criteria as those items determined to directly affect the finished product quality. MRO supplies are procured per procedures in the East Alton Purchasing Manual.
- 5.0 Metal Suppliers do not fall under this Supplier Quality Program. Metal Suppliers will be assessed by the Metals Management Department. Records will be maintained of acceptable Metal Suppliers in the Metals Management Department.