

AS9100D:2016 SUPPLIER FLOWDOWN REQUIREMENTS

As a Supplier to SMC Aerospace, you agree to comply with the additional terms and conditions listed below:

- a) with respect to any product or services provided to SMC
- b) if any such product or service relates to any aviation, space, or defense application, project or any request for quote, purchase order or similar document issued by SMC contains any reference to the AS9100D:2016 standard.
- c) The terms and conditions listed below are in addition to, and are deemed to be an integral part of, SMC Aerospace's standard terms and conditions of purchasing procedure (QAP 6).

Description
<p>1) Calibration System. All Inspection Measuring & Test Equipment used by the Supplier during in-process and final inspection to make a compliance evaluation shall be calibrated to ISO/10012-1 / ANSI/Z540-1, or MIL-STD-45662A and traceable to NIST (National Institute of Standards and Technology)</p>
<p>2) Special Processes. Supplier shall provide certifications for all special processes and nondestructive test results performed with each shipment. The certificate shall identify the processor, process used, controlling specification & revision, and the results of test or measurement performed. Supplier used shall be a SMC AEROSPACE and/or Customer approved source for said Processes. These include operations subject to process controls such as: coating, joining, heat treating, cleaning, non- destructive test, etc. The Supplier shall be approved as per above to perform specific required Special Processes or use Special Process vendors acceptable to SMC AEROSPACE and SMC AEROSPACE's customer.</p>
<p>3) Workmanship Quality. All Manufactured product shall be free from burrs, and sharp edges.</p>
<p>4) Control of Drawings & Specifications. The Supplier shall ensure that the drawings and specification are the relevant revision status specified on the Purchase Order. The Supplier shall comply with any special requirements requested by SMC AEROSPACE regarding the control of drawings and specification i.e. ITAR compliance.</p>
<p>5) Limited Shelf Life Items. Materials with limited shelf life (epoxy, paint, adhesives, etc.) shall indicate the date of manufacture, lot number and applicable specification on the container. The Supplier shall supply life limited product with at least 75% of the life remaining.</p>
<p>6) Material Substitution. No Unauthorized material substitutions are permitted without SMC AEROSPACE written consent.</p>
<p>7) Reporting Discrepancies. Discrepancies, omissions, and the need for clarifications or interpretations of any nature encountered by Supplier in respect of furnished drawings or engineering data will be brought to the attention of SMC AEROSPACE for resolution</p>
<p>8) Quality/Inspection System. Supplier shall maintain a quality/inspection system that will ensure all goods and services conform to contract requirements whether manufactured or processed by Supplier or procured from Sub-Tier Suppliers</p>
<p>9) Changes in Process, Product or Location. Supplier shall notify SMC AEROSPACE of intended or actual changes that may affect the quality of delivered goods and services. This includes: Changes to the Quality Management System, the Manufacturing Line, Facility Location, Processes, or Natural Disasters. Quality data and/or approved design data to be available in the English language.</p>
<p>10) Digital Product Definition (DPD). Supplier is required to obtain approval as a Digital Product Definition (DPD)</p>
<p>11) Certificate of Conformance. Supplier's acceptance of SMC AEROSPACE's purchase order certifies that the materials and processes Supplied under the purchase order shall be or have been controlled and inspected in accordance with SMC AEROSPACE's purchase order and they meet the specified order requirements, referenced specifications and drawings. Supplier must provide a Certificate of Conformance for all orders and lots, verifying that all products and lots meet those requirements. All products and lots must be clearly identified and labeled and must be traceable to and linked to the Certificate of Conformance.</p>
<p>12) Counterfeit Parts. The Supplier shall certify that: a) only new and authentic materials are used in products or goods delivered to SMC AEROSPACE b) that the products/goods delivered contain no Counterfeit Parts and c) material complies to AS6174A (Counterfeit Material: Assuring Acquisition of Authentic and Conforming Material).</p>
<p>13) Right of Access. SMC AEROSPACE, its customers, and regulatory authorities shall be granted the right of access to all Supplier and sub-tier Supplier facilities and records involved in fulfilling the Purchase Order requirements to ensure conformance with the requirements.</p>
<p>14) Foreign Object Debris/Damage. Supplier is required to establish and maintain a Foreign Object Debris/Damage (FOD) prevention program that employs appropriate housekeeping practices to assure timely detection and removal of residue/debris generated, during operations and normal daily tasks</p>
<p>15) Record Retention: Supplier shall maintain records of inspections, tests, and process controls called for by this contract, unless specified elsewhere in contracts or attachments, these documents shall be on file, stored and protected in such a manner that they remain legible, readily identifiable, and readily available to SMC AEROSPACE for no less than 10 years, unless specified on the PO.</p>

15) Supplier Corrective Action. Supplier shall, on request, provide statements of corrective action on nonconformities or failures of Suppliers processes, goods or services	
17) Letter of Disclosure. When a nonconformance is determined to exist, or is suspected to exist on goods and/or services provided to SMC AEROSPACE under this Contract, Supplier shall provide written Post Delivery Notification Letter or Letter of Disclosure	
18) Nonconforming Products and Materials. Supplier shall obtain SMC AEROSPACE's prior written approval with respect to the disposition of any: a) nonconforming products or materials supplied, that does not meet engineering drawing or documents under contract or Purchase Order. b) If nonconforming materials are present, and the materials are deemed acceptable or useable by the Supplier, it is still the responsibility of the Supplier to inform SMC AEROSPACE so that a determination can be made for the use of said materials.	
19) Packaging and Handling. As a minimum, the Supplier shall package all material in a manner that will ensure protection against corrosion, oxidation, deterioration and physical damage during shipment. Item #14 (F.O.D) requirements also pertain. In addition, when materials or finished goods are delivered are lot-controlled and multiple material lots are shipped, each lot shall be separately packaged and identified-Item # 29 also pertains.	
20) Flow down to Sub-Tier Suppliers. Suppliers shall flow-down to Sub-Tier Suppliers the applicable requirements as required by the purchase order either specifically or by reference, and use SMC approved external providers if out-sourcing is required.	
21) Confidentiality. Suppliers shall hold all information received from SMC AEROSPACE in confidence and no third-party request for information will be authorized unless approved, in writing, by an authorized SMC individual.	
22) Requirements: a) Approval of product, procedures, processes, equipment, qualifications of personnel should be applicable to certifications sent to SMC. b) Changes in Process, Product or Location: Supplier shall notify SMC of intended or actual changes that may affect the quality of delivered goods and services. This includes: Changes to the Quality Management System, the Manufacturing Line, Facility Location, Processes, or Natural Disasters. Quality data and/or approved design data to be available in the English language	
23) Quality Systems: must comply to AS9100D:2016-Manufacturing Sources, ISO9000/2015 for Material Sources and ISO 17025/2005-competence of testing and calibration laboratories, unless approved by the Quality Manager.	
24) Requirements: we reserve the right to approve, or specify any designs, tests, inspection plans, verifications, use of statistical techniques for product acceptance, and any applicable critical items including key characteristics	
25) Test Specimens: we reserve the right to designate requirements for test specimens for design approval, inspection/verification, investigation, or auditing	
26) Supplier Notification: - a) notify the SMC of any nonconforming product ASAP b) obtain SMC approval for nonconforming product disposition c) notify SMC of changes in product and/or process, changes of suppliers, change of manufacturing facility locations d) flow down to the supply chain the applicable requirements including customer requirements,	
27) DFARS (Defense Federal Acquisition Regulations System) DFARS material is required for this product. Supplier must include a copy of the mill certification stating the material used was melted in a DFAR approved country. Reference: DFARS 225.872-1	
28) Conflict Minerals Material): Suppliers of all material, castings, forgings and product purchased by SMC Aerospace must include on their Certificate of Compliance that material or product included in this order is conflict mineral free. Ref. US Conflict Minerals Law (sec 1502 of the Dodd/Frank Wall Street Reform and Consumer Protection Act	
29) Raw Material Identification: SMC Aerospace must be able to accurately identify and maintain material certifications for grade & condition to eliminate the high risk of accidently making parts with other than the appropriate, designated material. ▪ Finished Goods – When Multiple Material batches are delivered to SMC, using multiple heat lot numbers, each heat mill certificate number shall be separately identified by 1) individual component (part), or 2) material slug (remnant)	
30) Competence and Quality Awareness. Suppliers shall keep up to date records on the validation of competence, and Quality Awareness of employees producing goods/services	
31) Ethics. Suppliers shall ensure persons are aware of their contribution to product or service conformity and safety and the importance of ethical behavior.	
General Electric Specific:	
32) Standards: As this is a GE Aviation end use product, the latest revisions of S1000, S1001, and S1002 apply to this Purchase Order	
Form # SRC 6-1A	Page 2 of 2
REVISION NO. 17	DATE: July 9, 2018
Authorized By: Bob Edwards	Title: Quality Manager