

Alpha Grainger Supplier Quality Clause

SQC-01 Rev H

In case of any conflict with this document and any other requirements, the order of precedence is as follows:

1. Alpha Grainger Purchase Order
2. Drawings, Specifications, and or Electronic Files
3. This document

These apply to all Purchase Orders. If there are other specific requirements for a supplier it will be designated on the Purchase Order.

All suppliers shall be qualified according to the Alpha Grainger's supplier qualification process defined in our AS9100 Quality Management System. Suppliers may be asked to complete a Supplier Quality Survey Questionnaire and/or successfully pass an on-site survey. The Supplier shall allow Alpha Grainger personnel access to perform an on-site survey for qualification with the understanding that sensitive and proprietary information is reserved by the Supplier.

1. **Bar Stock Material** – Maximum Bundle allowed is 2,000 lbs. Anything over this limit will not be received.
2. **Products and Services** – All process and process requirements are specified on the Alpha Grainger PO and/or Customer Drawing or relevant technical data and may be verified through inspection and testing.
3. **Methods, processes and Equipment** – Where applicable any changes to the method, process or equipment used on Alpha Grainger product must be approved prior to change and is subject to verification.
4. **The Release of Product** – All product received by Alpha Grainger is subject to receiving inspection and testing verification (if required) and review of applicable certification prior to acceptance.
5. **Employee Qualification** – The Provider ensures that persons performing the work are competent to perform the required operations. These persons are aware of their contribution to product conformity, product safety and importance of ethical behavior.
6. **Interaction and Tracking** – Interaction will be by phone, email or the Purchase. Alpha Grainger will track provider on time delivery and report to the supplier.
7. **Control and Monitoring** – Alpha Grainger on-time delivery and quality performance metrics to evaluate supplier performance.
8. **Inspection & Test Data Submission** – End-item products ordered through this PO shall be inspected to the statistically valid Sampling Plan.
9. **Access to Facility** - The supplier shall provide, if required, access to any of the subcontractor's facilities where any of the work is being performed. This access shall be granted to Customers, State and/or Regulatory Agencies and Alpha Grainger as appropriate for the specific contract including applicable records.
10. **Verification and Validation Activities** - Alpha Grainger or its Customer shall be afforded unrestricted opportunity to evaluate and verify subcontractor's compliance to this Purchase Order (PO).
11. **Requirements for design, test, inspection, verification** - The use of statistical techniques and related motivation for acceptance must including critical items and key characteristics if identified on the PO.
12. **First Article Inspection** – (If specified on the Alpha Grainger PO) The supplier shall:
 - a. Perform a first article inspection in accordance with AS9102 First Article Inspection (FAI). Alternative approaches to AS9102 shall be approved prior to the FAI being performed by the supplier.
 - b. Revisions to an Alpha Grainger drawing will require a partial first article submission for dimensions / tests that were revised.
 - c. Alpha Grainger recognizes that these FAI's may occur on pre-production parts.
13. **QMS Requirements** -- Supplier compliance and/or certification to AS9100:2016, ISO9000:2015, or equivalent are preferred, but not mandatory. At a minimum there shall be adequate process controls to ensure the Supplier can meet the Purchase Order requirements. Calibration of all measuring and test equipment and the use of material labs will be done by suppliers certified to ISO17025.
14. **Customer Designated or Approved External Providers** – (If specified on the Alpha Grainger PO) The Supplier will use approved external sources for special processes or process sources.

15. **Non-Conforming Material** - The Supplier shall report any nonconformance that may affect already delivered product.
 - a. Notification shall include a clear description of the discrepancy, identification of suspect parts (mfg. dates, serial numbers, qty, etc.), and dates delivered.
 - b. A containment plan and interim corrective action shall be provided to assure no further defective product will be received at Alpha Grainger.
 - c. Alpha Grainger retains all Material Review Board (MRB) authority for any non-conforming material shipped to Alpha Grainger. If the material is found to be non-conforming prior to shipment, do not ship non-conforming material without prior written approval of Alpha Grainger.
16. **Counterfeit Parts** – The provider must prevent the use of counterfeit parts.
17. **Product and Manufacturing Change Control**
 - a. No change in specification or materials is allowed to item(s) on this order without written approval from Alpha Grainger.
 - b. No change in manufacturing process that may affect fit, form and function is allowed to item(s) on this order without written approval from Alpha Grainger.
 - c. No changes in product and/or process, of suppliers or manufacturing facility location without written approval from Alpha Grainger
 - d. Flow down to the supply chain the applicable requirements including customer requirements.
 - e. Once the PO is accepted, any supplier initiated change requests shall be initiated via e-mail to the buyer. Alpha Grainger initiated changes should be communicated to the Supplier via a purchase order revision.
18. **Flow Down to External Providers** – Alpha Grainger will use the Customer Drawing and the PO to flow down applicable customer requirements and requires where applicable the continued flow down to sub-suppliers.
19. **Test Specimen** shall be provided when specified on the Alpha Grainger Purchase Order.
20. **Documented Information (Record) Retention** -- The Supplier shall maintain records that provide objective evidence of compliance to the PO requirements. The records shall be maintained for a period of at least three years from completion of purchase order. The Supplier may send records to Alpha Grainger to be maintained.
21. **Statutory and Regulatory requirements** – All raw material must be RoHS Directive 2011/65/EU,, REACH, Conflict Materials, ES-001 (radioactive material) and Mercury Free.
22. **Workmanship** -- Unless otherwise specified, material shipped against this Purchase Order shall be free of pits, cracks, dents, scratches, burrs, sharp edges, foreign matter, or any other evidence of poor workmanship that shall render the unit unsuitable for its intended use. It is important that the employees understand that product from Alpha Grainger is used as critical components and product safety considerations and ethical behavior are factors they should be aware of when handling our product. Additional requirements are defined in the PO.
23. **Hazardous Materials** -- For any hazardous material, a Safety Data Sheet (SDS) will be required with product.
24. **Foreign Object Control** (e.g. items not intended to be part of the product such as solder splashes, wire stripping shavings, screwdriver, paperclip, etc.): The Supplier shall have sufficient Foreign Object controls within their facilities/operations to prevent Foreign Objects from entering into the product.
25. **Receiving Inspection** -- Material shipped against this Purchase Order is subject to Alpha Grainger Receiving Inspection.
26. **Material Certification** - Vendor shall provide Material Certification(s), to substantiate that all material used to manufacture Alpha Grainger product is in accordance with the drawing(s) and Purchase Order requirements.
27. **Test Reports** – Articles on this PO may require electrical, mechanical, environmental, functional, or other tests in accordance with Supplier, Alpha Grainger and/or Government specifications.
28. **Specification Revisions** – Work to latest specification and revision called for on the drawing or PO. If not on drawing or PO supplier must verify current revision on Global.ihs.com and certificate must specify revision worked to. Alpha Grainger reserves the right to reject and/or return materials not made to the current revision.