



GROUPE DCM -AWI DIVISION - QUALITY CLAUSES FOR TYPE A &

B SUPPLIERS

Products and services purchased by Aerospace Welding Inc (AWI) are grouped into the two (2) principal categories identified as Type A and Type B suppliers. If your purchase order indicates that you are either one of these providers you must meet the following requirements that each of them includes:

All suppliers are also subject to our standard purchase order terms and conditions which are available on Aerospace Welding's website.

Categories of products for Type A suppliers

- A. **Outside Special Process**: Must be manufactured and processed completely to drawing requirements. All specifications referenced therein, and all P.O. requirements including such items as part marking, identification, inspection, stamps, certification, inspection records, etc. All special processes that are called out on the PO, engineering drawings or specifications must be carried out by OEM approved sources.
- B. **Fabrication**: Sheet metal fabrication, tool and die making, castings, extrusions and moldings, fusion and adhesive bonding, machining, heat treating, fabricated hardware and mechanical assembly.
- C. **Special Process**: This category involves suppliers who perform a production process, the results of which cannot be fully verified by subsequent verification and testing of the product and where, for example, processing deficiencies may become apparent only after the product is in use. Accordingly, continuous monitoring and/or compliance with documented procedures are required to ensure that the specified requirements are met. Examples of special processes are: Fusion welding, resistance welding, thermal spray, liquid penetrant inspection, chemical cleaning.
- D. **Calibration**: This category involves suppliers who perform calibration of measuring, monitoring and testing equipment for AWI. Calibration labs must meet the requirements of **ISO/IEC 17025:2005** or its equivalent and have a system of traceability to national or international recognized standards. A certificate of Calibration must be included with each instrument calibrated.
- E. **Raw Material and tooling**: This category involves suppliers who must purchase from an approved mill, and have complete traceability.
- F. **OEM Equipment**: This category involves suppliers who provide original parts, components, subassemblies, and/or complete assemblies. Suppliers for these types of products are required to have a quality system which meets those requirements defined within ISO, AS, or equivalent.

Note: For all Lockheed Martin Aeronautics products the Supplier must utilize approved sources per QCS-001.
For all Bombardier Aerospace products the Supplier must utilize approved sources per QD 4.6-40.

Quality Clauses for Type A supplier:

1. Third party sub-contracting

If during the accomplishment of the contract, the supplier intends to sub-contract work to a third party, this third party shall also be subjected to Aerospace Welding's evaluation of its capabilities in the same manner as described above. ONLY upon Aerospace Welding's written consent can this third party be utilized by the supplier as services.

The supplier is responsible to flow down to their sub-tiers all conditions and requirements set forth by AWI and its customers.

2. Notification of Changes

Seller shall notify buyer, in writing, within ten (10) days of any (1) change in its quality system status resulting in loss of 3rd party registrar's certification; or (2) adverse action initiated by Buyer's customer, the Government, the Federal Aviation Agency (FAA), or the Civil Aviation Agency (CAA) resulting in disapproval or suspension of Seller's quality system. Seller shall notify Buyer, in writing, at least ninety (90) days in advance of any sale, relocation, or transfer of any portion of Seller's manufacturing operations.

3. Non-Conforming products

Notify AWI of any nonconforming product and obtain organization approval for nonconforming product disposition before and after delivery.

The supplier shall provide effective corrective and preventive action in a timely manner upon request by Buyer. When requested by Buyer, Seller shall provide trend data and findings. Seller shall identify true root cause findings and corrective and preventive action(s) to preclude recurrence by utilizing tools such as cause mapping, cause and effect analysis, 5 why's etc.

The supplier shall implement and maintain a documented quality system that provides for identification, documentation, and disposition of nonconforming material.

4. Waiver / Deviation Requests

The supplier shall ensure that written authorization has been granted by an AWI representative with authority to do so prior to the shipping of the product which does not conform to the specified requirements for the product.

5. Documentation and Record control

Identify the latest revision status of specifications, drawings, process requirements, inspection / verification, instruction and other relevant technical data used for the processing of AWI work.

Must retain all contractual records for ten (10) years and make them available upon request to AWI within 48 hours of the request.

All quality records shall be returned to AWI in the case where the supplier's business operations terminate.

6. Right of Access

Must allow Aerospace Welding Inc., Regulatory Authorities, and their customers, the right of access to the applicable areas of all facilities, at any level of the supply chain involved in the order, and to all applicable records. Aerospace Welding Inc reserves the right to perform an audit at the supplier if it is necessary.

7. Quality Management System

The supplier shall maintain an ISO, AS, Military Standard equivalent quality system acceptable to Buyer.

8. Counterfeit parts / Non-Certified Materials

Supplier agrees and shall ensure that Counterfeit Work is not delivered to AWI. The supplier shall immediately notify AWI with the pertinent facts if the supplier becomes aware or suspects that it has furnished Counterfeit Work. When requested by AWI, the supplier shall provide appropriate documentation that authenticates acceptable traceability of the affected items

Seller shall establish and maintain controls to prevent the use of non-certified materials when certified materials are required.

9. Foreign object damage / debris (FOD)

Seller shall maintain a FOD prevention program and when the potential for FOD entrapment or migration can occur during manufacturing or processing by the supplier's subcontractor(s), Seller shall ensure flow down of applicable FOD requirements to the subcontractor(s).

10. Calibration

The supplier shall calibrate or have calibrated by an external certified source all testing and inspection equipment used in the manufacture and acceptance of AWI's products/parts.

Seller shall maintain a documented calibration system for the calibration and maintenance of tools, jigs, inspection and test equipment.

11. Special processes

All special processes must be performed by purchaser or customer approved facilities. The supplier shall list all of the sources used to perform special processes on their certificate of conformance and identify which source completed which special process.

12. First Article Inspection Report

When requested by the purchase order, the supplier is responsible for completing a first article inspection report which is in accordance with SAE standard AS9102 latest revision. It is recommended that the supplier use the checklist (or similar document) contained in Appendix F of the AS9102 standard to ensure all FAI requirements have been fulfilled prior to submission.

The product used to complete the first article inspection shall be identified as such.

13. Purchaser supplied material

The supplier shall not substitute other material without specific written authorization of AWI. (*See Quality Clause # 4 above*)

14. Inspection and Testing

The supplier shall work within and inspect tolerances and limitations specified on the drawings and test specifications covering the work and shall make such tests as are specified by the drawings and specifications. Only qualified personnel shall perform inspection and testing.

The supplier shall have a system in place to identify the inspection status of the product as it is being produced for conformance or non-conformance with regards to inspection tests performed. The inspection status of each product should be easily identifiable using routers, stamps, tags, etc. the system shall ensure that only the products that have passed all of the required inspection tests are released, used or installed.

15. Handling, Storage, Protection and Preservation

Packaging and preservation shall be completed in a manner that ensures adequate protection against damage, deterioration and tampering during shipment, storage and distribution.

The supplier is responsible for labeling the package in a manner which ensure it is easily identifiable.

16. Release documents (Certificate of Conformance or Form 1 / US FORM)

When requested on the purchase order a certificate of conformance, signed by an authorized member of the suppliers company, must be shipped inside the package with the part to AWI. The certificate shall contain at minimum the following information:

- a) Supplier name and address
- b) Purchase order number
- c) Unique identification number of certificate
- d) Authorized signature
- e) Material specification and revision (if applicable)
- f) Part number and revision
- g) Serial number and or lot number (if applicable)
- h) Quantity
- i) List of special processes performed including the sources who performed them (if applicable)
- j) A statement indicating the material/part/process has been completed, inspected and is in conformance to the applicable drawing, and or specification and purchase order

17. Training

The supplier shall have objective evidence that the personnel performing process operations and quality inspection or test functions have been trained and properly qualified to perform their tasks.

18. Social responsibility and Ethics

AWI promotes to all its employees, good practices regarding social responsibility and ethics and implements the required means to maintain them. AWI strongly recommends to all its suppliers to implement and maintain good ethical and social practices at every level within their organization.

Categories for Type B suppliers

Suppliers in this category involve suppliers / distributors who may provide but are not limited to:

- A. Consumables: Items such as ear plugs, safety glasses, steel toe boots, basic work gloves, etc. which are used on a daily basis but which do not require traceability to AMO.
- B. Contractors: Suppliers who complete contract work which does not directly or indirectly impact the quality of products produced for or by AWI. Ex: Landscaping, snow removal, etc.
- C. Office supplies: Items such as telephones, computer software, computer paper, and all other clerical office supplies needed.
- D. Furniture: Items such as desks, computer chairs, shelving units, etc.
- E. Consultants: Any person who is hired to provide expert advice to Aerospace Welding Inc.

Quality Clauses for Type B supplier:

Distributors / Consumables:

1. Non-Conforming products

The supplier shall provide effective corrective and preventive action in a timely manner upon request by Buyer. When requested by Buyer, Seller shall provide trend data and findings. Seller shall identify true root cause findings and corrective and preventive action(s) to preclude recurrence by utilizing tools such as cause mapping, cause and effect analysis, 5 why's etc.

2. Handling, Storage, Protection and Preservation

Packaging and preservation shall be completed in a manner that ensures adequate protection against damage, deterioration and tampering during shipment, storage and distribution. Distributors must have a system which ensures that materials are stored, identified, packaged and preserved properly and includes a system of traceability which ensures that any product shipped to AWI is traceable to the original manufacturer including all batch or lot numbers applicable.

3. Waiver / Deviation Requests

The supplier shall ensure that written authorization has been granted by an AWI representative with authority to do so prior to the shipping of the product which does not conform to the specified requirements for the product.

4. Right of Access

Must allow Aerospace Welding Inc., Regulatory Authorities, and their customers, the right of access to the applicable areas of all facilities, at any level of the supply chain involved in the order, and to all applicable records. Aerospace Welding Inc reserves the right to perform an audit at the supplier if it is necessary.

Note: If you have any questions about the vendor type applicable to your company, do not hesitate to contact a purchasing agent or a quality representative for clarification.