

## AS9100D Supplier Quality/Flow Down Requirements



The Supplier requirements below apply to all Suppliers and Sub-Tier Suppliers to Truline Industries, Inc. providing raw materials, manufactured components and products as well as performing material processes such as, but not limited to: chemical processing, surface enhancement, coatings, heat treating, destructive and non-destructive testing, and part markings. Acceptance of the Purchase Order from Truline Industries, Inc. binds the Supplier to the Terms and Conditions listed in the Purchase Order and the requirements listed in this document. The Supplier is not authorized to outsource any portion of the Purchase Order requirements unless specifically authorized by Truline Industries, Inc. and must flow down these requirements to any sub-tier Suppliers. These requirements correspond with the requirements of AS9100D, Clause 8.4.3 and Truline Industries, Inc. customer requirements.

A. (Truline will provide to Supplier in writing) The processes, products, and services to be provided including the identification of relevant technical data (specifications, drawings, process requirements, work instructions, etc.)

B. The approval of products and services; methods, processes, and equipment; the release of products and services; Each shipment must be accompanied by one legible copy of a statement of conformance unless otherwise noted in the Purchase Order. A Certificate of Conformance (CofC), supplied with the shipment must provide, at a minimum: Supplier name, part number, purchase order number, Truline job number (when applicable), quantity of parts, engineering revision (when applicable), and title and name of authorized Supplier representative. Certifications of materials shall show quantitative analysis of each element and physical testing.

C. Competence, including any required qualifications of persons;  
The Supplier will ensure employees and people working on its behalf are competent and trained in accordance with requirements of AS9100D para 7.2.

D. Truline Industries, Inc. interactions with the Supplier;  
Suppliers shall hold all interactions and information received from Truline Industries, Inc. in confidence and no third-party request for information will be authorized unless approved in writing by Truline Industries, Inc.

E. Control and monitoring of Supplier's performance to be applied by Truline Industries, Inc.  
Truline Industries, Inc. will monitor and measure performance of the Supplier for Quality, Delivery (OTD), and Service (when applicable). Performance measures (Quality & OTD) will be kept on file at Truline and retained as documented information. Suppliers that fail to perform in certain areas may receive Corrective Actions, Opportunities For Improvements, and may be considered for removal from the Truline Industries, Inc. Approved Supplier List.

F. Verification and validation activities that Truline Industries, Inc, or its customer, intends to perform at the Supplier's premises;  
Truline Industries, Inc. and its customers reserve the right to perform verification and/or validation activities at the Supplier's premises.

G. Design and Development control;

H. Special requirements, critical items, or key characteristics;  
Per requirements of AS9100D, Supplier is responsible for validation, and periodic revalidation, of the ability to achieve planned results of the processes for production and service provision, where the resulting output cannot be verified by subsequent monitoring or measurement.

I. Test, inspection, and verification (including production process verification);  
Supplier shall maintain a quality management system that will ensure all goods and services conform to contract requirements whether manufactured or processed by the Supplier or procured from Sub-Tier Suppliers.  
-For calibration Purchase Orders, all gages and instruments must be calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology (NIST). All calibration certifications must specifically state this traceability. Truline Industries, Inc. Standard Operating Procedure 4.2 also applies to Calibration services (a copy is available upon request to Suppliers performing Calibration for Truline Industries, Inc.).  
-A First Article Inspection Report (FAI, using AS9102 format) shall be completed when required by the Purchase Order.

J. The use of statistical techniques for product acceptance and related instructions for acceptance by Truline Industries, Inc;  
Supplier shall use a C=0 sampling plan with an AQL of 1 or 100% inspection, unless otherwise specified in writing by Truline Industries, Inc.

K. The need to:

- Implement a quality management system (examples include, but are not limited to: AS9100, ISO9001, NADCAP, ISO/EIC17025, etc.)
- Use customer-designated or approved external providers, including process sources (special processes)
- Notify Truline Industries, Inc. of nonconforming processes, products, or services, and obtain approval of their disposition. Nonconforming material shall be identified and segregated from the lot.
- Prevent the use of counterfeit parts (AS9100D 8.1.4)\*\*\*  
Material and part substitutions are not permitted. Supplier shall prevent the use of counterfeit or suspect/unapproved products and ensure product identification and traceability.
- Notify Truline Industries, Inc. of changes to processes, products, or services, including changes of their external providers or location of manufacture, location of processing, and obtain Truline Industries' approval.
- Flow down to external providers applicable requirements including customer requirements as required by the Purchase Order
- Provide test specimens for design approval, inspection/verification, investigation, or auditing purposes
- Retain documented information, including retention periods and disposition requirements  
Unless specified on the Purchase Order, the latest specification revision in effect at the time the lot of raw materials/parts was originally manufactured or processed shall apply. If a document has been superseded, the latest revision of the superseding document shall apply. All certifications, inspection reports, test reports, receiving inspection, in-process inspection, final inspection, and calibration records shall be maintained as documented information. This documented information will be made available upon request to Truline Industries, our customers, our registrars, and applicable statutory and regulatory agencies.
- Supplier shall manufacture, process, package, and preserve all products in a manner, which will prevent Foreign Object Debris/Foreign Object Damage (FOD). A Foreign Object prevention program is preferred with a focus on appropriate cleanliness, 5S, detection, prevention, and removal of foreign objects during daily operations and tasks. Supplier shall ensure products are packaged in a manner to prevent damage from occurring during shipment/transit to Truline Industries.

L. The right of access by Truline Industries, Inc., our customers, and regulatory agencies to the applicable areas of the facilities and to applicable documented information, at any level of the supply chain. Truline Industries will give notification prior to any on-site inspections and/or verifications. All work performed by the Supplier shall be subject to inspection/test by Truline Industries.

**NOTE: Verification activities performed at any level of the supply chain does not absolve the organization of its responsibility to provide acceptable processes, products, and services and to comply with all requirements.**

M. Ensure that persons are aware of:

- Their contribution to product or service conformity
- Their contribution to product safety
- The importance of ethical behavior

Suppliers shall comply with all applicable laws and regulations, honor written commitments, be accountable for products and services, and act in good faith. Product safety shall be managed in a way to ensure compliance to special requirements, processes, critical items, key characteristics, and flight safety characteristics and products. Any concerns with respect to product safety shall be communicated to Truline Industries, prior to furnishing/processing products and services, to find resolution.

It is the responsibility of the Supplier to notify Truline Industries, Inc. within 72 business hours for any changes related to a Customer Approved Source, NADCAP certification, AS9100/ISO9001 certification, and any relevant certifications requiring 3<sup>rd</sup> party registrars.

## Truline Industries, Inc. AS9100D Supplier Quality/Flow Down Requirements

Articles furnished from Truline Industries, Inc. to Supplier are for applicable Member's "End Use." All articles are to be controlled per all applicable Purchase Order and customer requirements. Any concerns with respect to applicable Member End Use shall be communicated to Truline Industries, prior to furnishing/processing products and services, to find resolution.

- When Eaton Corporation is referenced on the Purchase Order, the Eaton Global Supplier Excellence Manual applies. A copy of this manual is available at [www.eaton.com](http://www.eaton.com)

- When "Ram Air Turbine" is referenced on the Purchase Order, HS14612 applies.

- "Flight Safety Parts" and "Flight Safety Characteristics" for UTC Member End Use shall be controlled and comply with the requirements of ASQR-09.1 and HSC16199.

- Purchase Orders stating "UTC Member End Use" (including, but not limited to UTC Aerospace Systems, UTAS, Pratt & Whitney, Pratt & Whitney Canada) shall be controlled using the latest revisions of UTC Member Supplier Quality Systems Requirements including, but not limited to, ASQR-01, ASQR-07.5, ASQR-09.1, ASQR-09.2, ASQR-15.1, ASQR-20.1, UTCQR-09.1, HSC-16199, HS14612, HSM17, and HSM19. Any concerns with respect to applicable Member End Use requirements shall be communicated to Truline Industries, prior to furnishing/processing products and services, to find resolution.

### Record Retention Requirements-

Supplier shall maintain all records and documented information relating to the product, service, and processes performed. Records shall be retrievable, readable (legible), and maintain data integrity for the full retention period. This information shall be furnished upon request from Truline Industries and/or our Customers.

Minimum requirements shown below:

Triumph Engine Control Systems (formerly Goodrich, Chandler Evans)

-40 YEARS

UTC (Hamilton Sundstrand) Flight Safety Parts, Flight Critical Parts, ESA parts, and Frozen Process Parts

-40 YEARS

Woodward (formerly Woodward Governor)

-30 YEARS

Wencor / Dixie Aerospace / Kitco Defense

-25 YEARS

Williams International

-20 YEARS

Parker Hannifin

-15 YEARS

ALL OTHER CUSTOMERS: 10 YEARS

\*\*\* The Prevention of Counterfeit Parts/Products shall be in accordance with the requirements set forth in AS6174, and AS9100:D paragraphs 8.1.4 and 8.7.1

Material Control:

- Manufacturers of purchased products shall control excess and nonconforming materiel to prevent it from entering the supply chain under fraudulent circumstances.

- Control/destroy any suspect or confirmed counterfeit materiel to preclude its use or reentry into the supply chain.

- Establish a process to ensure the supply chain is not compromised by any material being returned.

Manufacturers/suppliers and their approved supply chain shall implement an effective returns process which segregates and assesses the returned items until validated as authentic and unused.

- Counterfeit or suspect counterfeit parts shall be controlled to prevent reentry into the supply chain AS9100:D 8.7.1 Guidelines for control of materiel are provided in Appendix F of AS6174.

In the event Truline Industries receives product believed to be counterfeit or suspect counterfeit, it will be processed in accordance with SOP 5.1, SOP 3.6, and SOP 7.6. Truline will also report the counterfeit, suspect counterfeit materiel to the applicable reporting service organizations listed in AS6174 (G).

Seller agrees to comply with Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act, Section 13(p) of the Securities Exchange Act of 1934, as amended, and related implementing rules thereunder (collectively, and as they may be amended from time to time, the "Conflict Mineral Rules")