

AS9100 Supplier Flow-Down Requirements

The requirements defined in this document apply to all Suppliers and sub-tier Suppliers who provide raw materials and manufactured components to Advantage Manufacturing for use in product realization.

A notice (including a link to this webpage) will appear in the body of Purchase Orders for Suppliers who are obligated to comply with these flow-down requirements. By accepting this PO from Advantage Manufacturing, the Supplier agrees to comply with all requirements found in this document.

1.0 These requirements apply to all P.O.s provided by Advantage Manufacturing.

1.1. General & Workmanship Requirements

- 1.1.1. The Supplier shall apply industry-accepted criteria for the workmanship of products provided, including products sourced from sub-tier Suppliers.
- 1.1.2. Products supplied to Advantage Manufacturing shall be free of sharp edges and burrs.
- 1.1.3. Products supplied to Advantage Manufacturing shall be free of scratches, stains, and cosmetic imperfections which are a result of poor handling or storage practices and are not inherent in the manufacturing process.

1.2. Quality System

- 1.2.1. The Supplier shall maintain a system for ensuring the quality of products provided, including any products that the Supplier acquires from sub-tier sources.
- 1.2.2. The Supplier's Quality System shall include an element of awareness for personnel whose work affects the quality of products which will be supplied to Advantage Manufacturing. These persons shall be aware of their contribution to product quality, product safety (where applicable), and the importance of ethical behavior.
- 1.2.3. The Supplier shall ensure that drawings, specifications, and other technical information which is revision-controlled are the relevant revision notated on the PO. Any revision discrepancy must be resolved before delivery of the item.
- 1.2.4. The Supplier shall comply with any applicable special requirements found on the PO, drawing, or other applicable specification.
- 1.2.5. Advantage Manufacturing shall monitor the performance of external providers. This includes regular reporting during management review as well as reporting to external providers on their performance including OTD and non-conformity.

1.3. Process Control & Verification

- 1.3.1. When required (by the PO or other specification), the Supplier shall provide a Certificate of Conformance (CoC) to Advantage Manufacturing which certifies that the material and products supplied under a purchase order have been controlled in accordance with all applicable requirements.
- 1.3.2. The Supplier shall provide certifications for all special processes and test results performed (if applicable) with each shipment. If a sub-tier supplier will be used for special processing, that sub-tier supplier shall

AS9100 Supplier Flow-Down Requirements

meet all requirements (i.e., Nadcap accreditation) put forth by Advantage and its customer on the PO, drawing, or other applicable specification.

1.3.3. When required, the Supplier shall notify Advantage of any changes to processes, including any relevant changes to sub-tier Suppliers.

1.4. Material Substitution & Counterfeit Materials

1.4.1. The Supplier shall not use any unauthorized material without prior written consent from Advantage Manufacturing.

1.4.2. Counterfeit or suspect counterfeit materials will be prevented from entering the Advantage Manufacturing supply chain. The Supplier shall certify that only authentic materials have been used in the production of materials and products that are provided to Advantage Manufacturing.

1.5. Record Retention

1.5.1. The Supplier shall maintain records of inspections, tests, and process controls that are applicable and relevant to the purchased item for a minimum of 10 years.

1.6. Nonconforming Product

1.6.1. The Supplier shall only provide product to Advantage Manufacturing which meets all applicable requirements. Written consent must be obtained from Advantage prior to the release of any product which does not meet all applicable requirements.

1.6.2. Nonconforming product in the possession of the Supplier shall be controlled in a way that prevents its reentry into the supply chain.

1.6.3. Vendors are responsible for notifying Advantage of any products that Advantage has already received which are then found or suspected to be nonconforming.

1.7. Foreign Objects and Debris (FOD)

1.7.1. The Supplier shall maintain a program for the prevention of FOD. This program should include elements of training, identification, removal, and general preventative housekeeping with regards to FOD.

1.8. Right of Access

1.8.1. Advantage Manufacturing, its customers, and any regulatory authorities shall be granted right of access, with prior coordination, to applicable areas of facilities and to applicable records, at any level of the supply chain, for the purpose of verifying conformance with these and any other applicable requirements.

1.9. Change Notice

1.9.1. Vendors may not deviate from any applicable drawing, specification, or other product requirement without receiving written approval from Advantage Manufacturing.

1.10. Expirable Products

1.10.1. Any expirable product (e.g., paints, adhesives, chemicals, etc.) must be labeled by its manufacturer with batch information and an expiration date, and that these products should be shipped with to Advantage within the first half of their expiration window (e.g., a product that expires 12 months after manufacture should be received by Advantage with at least 6 months of useable shelf life). Advantage may choose to return expirable products which are either expired when they are received, or which do not have sufficient remaining shelf life to be useable for production purposes.

AS9100 Supplier Flow-Down Requirements

1.11. Flow Down of Requirements

1.11.1. The Supplier shall flow down any applicable requirements found in this document or elsewhere to sub-tier Suppliers.

2. These requirements are only applicable when called on a specific P.O.

2.1. DFARS

2.1.1. Defense Federal Acquisition Regulation Supplement (DFARS) requirements are applicable to this PO/Contract. Refer to [acquisition.gov/dfars](https://www.acquisition.gov/dfars) for requirements.

2.2. Defense Priorities & Allocations System (DPAS) rating applies to this PO. Refer to CFR 700.11 for detail on the DPAS rating system.

2.2.1.A DPAS rating of **DO** is applied to this PO/Contract (or specific line item, if indicated on PO)

2.2.2.A DPAS rating of **DX** is applied to this PO/Contract (or specific line item, if indicated on PO)

2.3. AS9100 – ISO9001

2.3.1. The Supplier of this PO/Contract must hold a active certification to AS9100 and/or ISO9001.

Revision	Date Released	Revision Author(s)	Description of Changes
C	09/20/2021	Dalton Burnett	Added section 2. -D
D	9/15/2022	Dean Noe & David Spidle	Revised into sections 1 and 2. Requirements 10-12 added. Requirement 5 changed from 7 to 10 years.
E	11 Sept 2025	David Spidle	Renumbered each clause so they are easier to reference and update. 1.9 (Flow-Down of Requirements) is now 1.11. Added 1.09 Change Notice and 1.10 Expirable Products.