

Advance Mfg. Supplier Purchase Order Requirements

- A. Material Certification** – A material certification shall be provided with the shipment stating the specification number of the material being supplied as it appears on the Advance Mfg. Purchase Order, revision letter, purchase order number, lot code or heat number, shelf life (if applicable) and date of shipment. Actual test results as required by the specification, such as mechanical test data, chemical properties, hardness, etc. shall accompany the certification. This certification must be signed by the authorized agent of the supplier along with the agent's title.
- B. Certification of Conformance** – A certification of conformance stating “All blueprint and/or specification requirements have been met” and that “inspection records, material certifications, and/or special process certifications (when applicable) are on file and available for review.” This certification must be signed by the authorized agent, including the agent's title. This certification must include the Advance Mfg. Purchase Order number, part number, revision level, serial number (when applicable), raw material lot number and quantity shipped. A supplier packing list containing the above information may be acceptable.
- C. Special Process Certification** – A certification is required with a statement certifying conformance to each special process (e.g. welding, plating, FPI, heat treat, etc.) performed on the material specification(s) listed on the Advance Mfg. Purchase Order. The signature of an authorized agent of the company performing the special process, including the agent's title must appear on the certification. The certification must also include the Advance Mfg. Purchase Order number, part number and revision level, serial number (if applicable), lot number (if applicable) and quantity shipped.
- D. First Article** – The supplier shall perform a 100% inspection of all drawing characteristics and notes, and provide a tagged, representative production article indicating “**First Article**”. An inspection report shall be submitted identifying each characteristic noted on the engineering drawing.spc. The inspector shall stamp or sign each characteristic and drawing note indicating acceptance status, as applicable. A certification statement referencing the Advance Mfg. Purchase Order number, part number and revision level, serial numbers (if applicable), and quantity inspected shall accompany the First Article Inspection Report.
- E. Shelf Life Certification** – A certification is required for the shelf life of age/environmental sensitive materials which states the date of manufacture, the shelf life and date of expiration. The certification must include the Advance Mfg. Purchase Order number, part or specification number, lot or batch number of the material and quantity shipped. It must also be signed by an authorized agent of the company along with the agent's title.
- F. Calibration Certification (Independent Lab)** – A certificate is required stating that calibration has been performed to the appropriate standards or test requirements to which certification applies, and environmental conditions under which the calibration was performed. The certificate shall specify the date of calibration, serial number of the tool(s) calibrated, the NIST test number for traceability to standards used in calibration or tests, and their due date for recalibration. The certificate must contain a report number for traceability; state the actual readings or results of the tests and the degree of conformance or acceptance to specified requirements. A statement that calibrations or tests were performed in accordance with ANSI/NCSL Z540, ISO10012, or equivalent and are traceable to NIST, must appear on the certificate. The certificate must be signed by an authorized agent of the calibration source, including the agent's title.
- G. Pratt & Whitney LCS Required** – Supplier to control parts/materials in accordance with PW MCL Manual, Section F-17. Part certification must state: “Parts/materials Controlled per P&W Requirements for LCS per PW MCL Manual, Section F-17.
- H. Pratt & Whitney ESA Per PWA 370 Required** – Supplier to control and maintain approvals for parts/materials in accordance with PWA 370 Standard.
- J. Nonconforming Material Process** – Supplier to notify Advance Mfg. of any existing nonconforming product that has been outsourced for production or special processing. Upon notification, Advance Mfg. shall conduct arrangements for the disposition of Supplier nonconforming material prior to receipt at Advance Mfg. facility. Advance Mfg. Co. Inc. to be informed within 24 hours of discovery of suspect nonconforming product having been shipped regardless of designation.
- K. Quality System** – As a minimum, the Supplier shall maintain a Quality System that meets one (1) of the following requirements: GE S-1000, Pratt & Whitney ASQR-01, Hamilton Sundstrand, ISO 9001, AS9100, or MIL-I-45208.
- a HSM-10 Flight Safety Program: A flight safety program has been established at your facility to meet the requirements of identifying and controlling Flight Safety Product. All employees that process Flight Safety parts shall be trained on the Flight Safety Parts Program.
- L. Source Inspection Required** – Product acceptance is at the Supplier's facility. Prior to shipment of any material or product, Advance Mfg. and/or the Customer must be notified to perform source inspection and initial acceptance of the product at the Supplier's facility. Acceptance does not imply product or service performed will not be rejected upon receipt by the Advance Mfg. customer should a nonconformance be found.
- M. Right of Entry** – Advance Mfg., Customer Representative or Regulatory Agency has the right of access to all facilities involved (including Supplier's Sub-tier's facilities) in the order and to all applicable records.
- N. This Purchase Order is for DOD** – If product or service on the product/materials is for the Department of Defense, the DX or DO rating will take priority over any non-rated order in a Supplier's system. Additionally, materials/certifications will stipulate DFAS nomenclature.
- O. Mercury Free Statement** – Supplier shall provide a statement on the Certification of Conformance stating that the materials provided and/or manufactured did not come in contact or were not produced with Mercury.



Advance Mfg. Supplier Purchase Order Requirements

- P. Supplier Process Changes** – Supplier to notify Advance Mfg. of changes in product and/or process definitions, and where required, obtain Advance Mfg. approval prior to production. This may include “Frozen Production Processes”, Risk/FMEA’s, special requirements, critical items, and/or key characteristics.
- Q. DFAR/Country of Origin Required: 252.225-7009 Restriction on Acquisition of Certain Articles Containing Specialty Metals.**
<https://www.acq.osd.mil/dpap/dars/dfars/html/current/252225.htm#252.225-7009>
- R. Supplier Flow-down of Advance Mfg. Requirements** – In the event that Advance Mfg. outsources products to be manufactured or special processes to be performed, and the Supplier outsources to Sub-tier Suppliers, the applicable Advance Mfg. Supplier Purchase Order flow-down requirements shall be flowed down to the Supplier Sub-tier, (including key characteristics, special requirements, critical characteristics, records, etc.), where applicable. Suppliers are to have documented procedures in place for creating, controlling and retaining records in accordance with both their Quality System and Advance Mfg. purchase order requirements.
- S. Level 1 Material /Parts** – Supplier shall follow the requirements stated in EB2678, Material Control Standard, and NAVICPINST 4355.5, Receipt, Inspection, Storage and Issue of Level 1 Material for all Level 1 Materials.
- T. SUBSAFE Material** – Supplier shall follow the requirements stated in EB 2678, Material Identification and Control of Piping Systems, Submarine Safety (SUBSAFE) Requirements receipt, inspection marking and traceability.
- U. ITAR/EAR** – When flowed down, the Supplier shall ensure that all ITAR/EAR controlled technical data, including equipment and technology, is not disclosed, both in written, oral and/or visual form, to any foreign persons (“foreign nationals”) within its facility. This requirement includes any subcontracted materials performed by the Supplier Sub-tier within their facility. Additionally, ITAR/EAR controlled information must remain within the United States and may not be disclosed to any foreign countries.
- V. Electric Boat Specification EB 2678** – The Supplier (including their sub-tier Supplier), performing work or services in accordance with this specification shall establish and maintain a Quality system which will ensure the quality and adequacy of the item or service provided. Additionally, the Supplier (including their sub-tier Supplier) is advised to incorporate and strictly follow a Fraud & Falsification and Malpractice Prevention Program (EB 2678 Appendix B) and to comply with local laws and regulations during performance of work (i.e. U.S. Code Title 18, Part I, CH47, Sec. 1001).
- Supplier Quality**
https://www.gdeb.com/suppliers/10_quality/
- V1. Electric Boat Specification EB 2678 Rev L**
https://www.gdeb.com/suppliers/10_quality/attachments/EB2678/EB_SPEC_2678_REV_L.pdf
- V2. Electric Boat Specification EB 2678 Rev M**
https://www.gdeb.com/suppliers/10_quality/attachments/EB2678/EB_SPEC_2678_REV_M.pdf
- V3. Electric Boat Specification EB 2678 Rev N**
https://www.gdeb.com/suppliers/10_quality/attachments/EB2678/EB_SPEC_2678_REV_N.pdf
- V4. Electric Boat Specification EB 2678 Rev P**
https://www.gdeb.com/suppliers/10_quality/attachments/EB2678/EB_SPEC_2678_REV_P.pdf
- V5. Electric Boat Specification EB 2678 Rev Q**
https://www.gdeb.com/suppliers/10_quality/attachments/EB2678/EB_SPEC_2678_REV_Q.pdf
- W. BWXT 3081** – Supplier shall follow the requirements of (BWXT-3081), Clause 35, requirements A through D.
- a. This order and the activities hereunder are within the jurisdiction of the Department of Energy or the Department of the Navy. Any knowing and willful act to falsify, fraudulent or fictitious statement or representation in connection with the performance of work under this order may be punishable in accordance with applicable Federal Statutes.
 - b. See BWXT 3081
 - c. Seller agrees to include the following preprinted statement on manufacturing work instructions, manufacturing records, inspection, and or test forms generated by the Seller to verify or report the performance of any work in conjunction with the subject order.
 - d. Seller agrees to include this article, including this paragraph D., in every subcontractor or lower-tier purchase order for material, parts or services under this order. Any inability or unwillingness of a lower-tier supplier to comply with this provision shall promptly be documented in writing and provided to, as applicable, BWXT NOG or NFS.
- X. Information for External Providers** The company shall ensure that persons are aware of:
- a. their contribution to product or service conformity;
 - b. their contribution to product safety ;
 - c. their importance of ethical behavior.

Y. Counterfeit Parts Prevention

- a. "Counterfeit Supplies" means any material, component, part, assembly, sub-assembly, product and any other item forming part of the Supplies (together referred to as "Items" and separately as "Item") in which there is an indication by visual inspection, testing, or other information that it may be a copy or substitute made without legal right or authority or one whose material, performance, Identity or characteristics have been misrepresented by the Supplier, manufacturer or a supplier in the Supplier's supply chain.
- b. Certification is required that materials supplied by Advance Mfg. co. on this order, in fact, were used by the seller in the manufacture and assembly of equipment on this order without exception or substitution has been specifically authorized by Advance Manufacturing Co.
- c. Certification is required that materials supplied by Advance Mfg. Co. for use on this order. In fact, were used by seller in the manufacture and assembly of equipment on this order without exception or substitution.

Z. Flow down

- a. Flow down to external providers applicable requirements including customer requirements;

AA. Personnel Requirements

- a. Competence, including any required qualification of persons.

DEFENSE PRIORITIES AND ALLOCATIONS SYSTEM (DPAS) Ratings:

A rated order is a prime contract, a subcontract or a purchase order in support of an approved program issued in accordance with the provisions of 15 CFR 700. DPAS rules are standard part of U.S. defense contracting process: (15 CFR 700.11 (a)).

Two levels of priority ratings: (DX) Highest national defense urgency All DX rated orders have equal priority and take preference over DO and unrated orders (based on ship schedule). (DO) Critical to national defense All DO rated orders have equal priority and take preference over unrated orders (based on ship schedule)

- AB.** DPAS DO-A1 -- Aircraft
- AC.** DPAS DO-A2 -- Missiles
- AD.** DPAS DO-A3 -- Ships
- AE.** DPAS DO-A4 -- Tank - Automotive
- AF.** DPAS DO-A5 -- Weapons
- AG.** DPAS DO-A6 -- Ammunition
- AH.** DPAS DO-A7 -- Electronic and communications equipment
- AI.** DPAS DO-B1 -- Military building supplies
- AJ.** DPAS DO-B8 -- Production equipment (for defense contractor's account).
- AK.** DPAS DO-B9 -- Production equipment (Government owned)
- AL.** DPAS DO-C1 -- Food resources (combat rations)
- AM.** DPAS DO-C2 -- Department of Defense construction
- AN.** DPAS DO-C3 -- Maintenance, repair, and operating supplies (MRO)for Department of Defense facilities
- AO.** DPAS DO-C9 -- Miscellaneous
- AP.** DPAS DO-N1 -- Emergency preparedness activities
- AQ.** DPAS DX-A1 -- Aircraft
- AR.** DPAS DX-A2 -- Missiles
- AS.** DPAS DX-A3 -- Ships
- AT.** DPAS DX-A4 -- Tank - Automotive
- AU.** DPAS DX-A5 -- Weapons
- AV.** DPAS DX-A6 -- Ammunition
- AW.** DPAS DX-A7 -- Electronic and communications equipment
- AX.** DPAS DX-B1 -- Military building supplies
- AY.** DPAS DX-B8 -- Production equipment (for defense contractor's account).
- AZ.** DPAS DX-B9 -- Production equipment (Government owned)
- BA.** DPAS DX-C1 -- Food resources (combat rations)
- BB.** DPAS DX-C2 -- Department of Defense construction

Advance Mfg. Supplier Purchase Order Requirements

- BC.** DPAS DX-C3 -- Maintenance, repair, and operating supplies (MRO)for Department of Defense facilities
- BD.** DPAS DX-C9 -- Miscellaneous
- BE.** DPAS DX-N1 -- Emergency preparedness activities
- BF.** **Title 22**
- a. Is in reference to technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., and Sec 2751, et seq.) or the Export Administration Act of 1979, as amended (Title 50, U.S.C., App. 2401 et seq.). Violations of these export laws are subject to severe criminal penalties.”
- BG.** **Joint Certification Program Requirement (JCP) , DD2345 Militarily Critical Technical Data Agreement is required.**
- a. A fillable PDF version of a blank DD Form 2345 is available from the main web page of the JCP:
<https://www.public.dacs.dla.mil/jcp/ext/>
 - b. JCP Certification is required to handle/access Department of Defense/Department of National Defense (DOD/DND) unclassified export controlled technical data for the following purposes:
 - Bid on a DOD solicitation or execute a DOD contract that involves access to export controlled technical
 - Conference/meeting attendance that discusses/shares DOD/DND export controlled material/data
 - DOD/DND export controlled technical data exchange between vendors
 - Obtain Request for Proposal (RFP) details involving DOD/DND export controlled data
 - DOD Research/Development projects involving export controlled data
 - Participation in a Directly Arranged Visit (DAV) (Canada to U.S. or U.S. to Canada)
- BH.** **Advance Mfg. Co. Inc. is designating the RT. Level III at sub-tier Vendor as the designated authority to review and approve all film and reports in accordance with EB Spec 2678, Paragraph 7.4.**
- BI.** Use of a NADCAP accredited process is required for the operation that is being outsourced to a sub-tier Vendor.
- BJ.** **DFAR Clause 252.204-7012 Safeguarding Covered Defense Information and Cyber Incident Reporting.**

<https://www.acquisition.gov/dfars/252.204-7012-safeguarding-covered-defense-information-and-cyber-incident-reporting.?searchTerms=252-204-7012>