PURCHASE ORDER QUALITY FLOWDOWN REQUIREMENTS

1. COTS ITEMS

Applies to commercial-off-the-shelf items, unless the PO specifies otherwise.

1.1 Conformance & Traceability

SELLER shall provide a Certificate of Conformance (or equivalent shipment documentation) confirming the item conforms to PO requirements and manufacturer data, with traceability to manufacturer, distributor, lot, or serial number when available.

1.2 Counterfeit Prevention

SELLER shall source COTS items from authorized/traceable channels. Suspect counterfeit items shall be quarantined and BUYER notified in writing before shipment; no shipment without BUYER's written authorization.

1.3 Packaging

Use manufacturer's original packaging where available, or otherwise protect against damage, corrosion, contamination, and loss of identification.

2. NON-COTS / CUSTOM ITEMS

Applies to items produced, processed, or modified specifically for BUYER per PO, drawing, specification, or contract, unless otherwise specified.

2.1 Certificate of Conformance (ISO 9001 §8.6)

Required with every shipment; must include:

• SELLER name/address; PO number, revision, line item
• Part number/revision; quantity shipped
• Traceability ID (lot/heat/batch/serial)
• Approved nonconformances & dispositions, if any
• Statement of full conformance; authorized Quality signature/date

One certificate may cover multiple line items of the same PO if traceability per line is clear.

2.2 Traceability (ISO 9001 §8.5.2)

Traceability (heat/lot/batch number, special-process certs) required for all delivered items, including from sub-tier sources. Distributors trace to original manufacturer. Records retained 10 years or program life, whichever is longer.

2.3 Notification of Change

SELLER shall obtain BUYER's written approval before changing design, materials, process, inspection method, manufacturing location, or sub-tier source that was in effect at last FAI/qualification/award.

2.4 Quality System (ISO 9001 §8.6, §9.1, §7.1.5)

Inspection: BUYER, its customer, and Government reps may inspect at SELLER/sub-tier facilities; SELLER records available on request; BUYER inspection doesn't relieve SELLER of responsibility for conformance, including latent defects.
FAI: Per AS9102 when required by PO; report submitted for BUYER approval before production.
Acceptance/Rejection: Silence 10 business days after receipt = acceptance (latent-defect liability survives). Nonconforming goods may be corrected/replaced at SELLER's expense, or corrected by BUYER at SELLER's expense; prior rejections must be disclosed on redelivery.
Calibration: Measurement/test equipment used for BUYER acceptance shall be calibrated to a recognized national/international standard; records available on request.

2.5 Nonconformances (ISO 9001 §8.7) & Corrective Action (§10.2)

Fit/form/function nonconformances require written BUYER approval before shipment (PO number, part number/name, quantity, description, proposed disposition). Minor nonconformances may be SELLER-dispositioned per internal procedure with records retained for review. SELLER investigates BUYER-reported nonconformances, determines root cause, and implements corrective action within BUYER's specified timeframe; re-verification/FAI may be required.

2.6 Counterfeit Goods (ISO 9001 §8.4, §8.7)

SELLER shall not deliver counterfeit, suspect counterfeit, unauthorized, falsely marked, or non-OEM-traceable parts, and shall maintain controls ensuring authenticity and traceability. Suspect items are quarantined and BUYER notified in writing within 30 days of suspicion; no shipment without BUYER's written authorization. Flow down to sub-tier suppliers required.

> **MILITARY / DEFENSE ONLY**
> Controls per SAE AS6174 (AS6081 for distributors). Where FAR 52.246-26/GIDEP clauses are invoked, SELLER screens applicable GIDEP reports.

2.7 Inspection/Test Notice (ISO 9001 §9.1)

Minimum 5 calendar days' written notice before final inspection/test, for BUYER witness option.

2.8 Hazardous Materials (ISO 9001 §8.5)

No hazardous/toxic materials (asbestos, mercury, lead, chromium, PCBs, etc.) without prior written BUYER authorization; use non-hazardous alternatives when specifications permit.

2.9 Special Processes

Special processes (heat treat, welding, plating, NDT, coatings, etc.) shall be performed by sources qualified/certified for the applicable process.

> **MILITARY / DEFENSE ONLY**
> Source must hold current NADCAP (or BUYER-approved equivalent) accreditation for the process, unless waived in writing by BUYER.

2.10 Sub-Tier Flow-Down (ISO 9001 §8.4)

SELLER shall flow down all applicable requirements of this document to sub-tier suppliers.

2.11 Packaging (ISO 9001 §8.5)

Per PO/drawing/spec if specified. Otherwise: Military — full compliance with MIL-STD-2073 (incl. MIL-STD-129 marking) where required for Defense Transportation System, long-term storage, extreme environments, or by contract. Commercial — ASTM D3951 or equivalent best practice, protecting against corrosion, damage, and moisture.

2.12 Quality Management System

SELLER shall maintain a documented QMS appropriate to the products/services provided and make evidence available to BUYER on request.

> **MILITARY / DEFENSE ONLY**
> SELLER shall hold and maintain AS9100 (or approved derivative) or ISO 9001 certification as specified in the PO. Where export control (ITAR/EAR) or CUI handling (e.g., DFARS 252.204-7012) is invoked, SELLER shall comply and flow down to sub-tier suppliers.