



UNITED DYNAMICS, INC.
PURCHASE ORDER QUALITY REQUIREMENTS

Q1: Documentation Requirements for Supplier Certificate of Conformance

A Certificate of Conformance is required for each shipment

Documentation must include the following items at a minimum:

- Date of Shipment
- United Dynamics Purchase Order Number
- United Dynamics Part Number
- Description
- Quantity
- United Dynamics Drawing number with Revision Level (if applicable)
- Applicable Military specification(s) with Revision Level (if applicable)
- Country of Origin where material was manufactured/melted (if applicable)
- Heat number(s) or lot number(s) of material (if applicable)
- Signed/Stamped Signature of Company Official

Q2: Documentation Requirements for Raw Material

A Material Test Report(s) (MTR) is required for each shipment

Documentation must include:

- Country of Origin where the material was manufactured/melted in accordance with DFAR 252.225-7001 Buy American Act.
 - Note: Per DFAR 252.225-7001, material must either be manufactured, melted, mined or produced in the United States or from a qualifying country. Material quoted or supplied to UDI MUST meet the Buy American Act.
- Heat Number(s) and/or Lot Number(s)
- Description of Material
- Name of Mill where material came from

Q3: Documentation Requirement for Special Process Certification

Documentation must include the following items at a minimum:

- Date of Shipment
- United Dynamics P.O. number
- United Dynamics part number
- Description
- Quantity
- United Dynamics Drawing number with Revision Level
 - Supplier is to use the current revision of documentation required unless otherwise noted.
- United Dynamics Engineering Instruction Number with Revision Level (if applicable)
 - Supplier is to use the current revision of documentation required unless otherwise noted.
- Applicable Military specification(s) with Revision Level
 - Supplier is to use the current revision of documentation required unless otherwise noted.
- Coating thickness, if called out on drawing
- Signed/Stamped Signature of Company Official

Q4: Changes to Product

- Supplier is to notify United Dynamics of any changes to product, revision level, process or of any non-conforming material and obtain approval from UDI prior to shipment.

Q5: FOD Practices

- Supplier shall maintain a FOD prevention program. Supplier's FOD prevention program shall include the review of design and manufacturing processes to identify and eliminate foreign object entrapment areas and paths through which foreign objects can migrate. Supplier shall ensure work is accomplished in a manner preventing foreign objects or material in deliverable items. Supplier shall maintain work areas and control tools, parts and materials in a manner sufficient to preclude the risk of FOD incidents. Supplier shall document and investigate each FOD incident and ensure elimination of the root cause of each such incident.

- Buyer shall have the right to perform inspections, verification and FOD Prevention audits at Supplier's facility to ensure documentation and effectiveness. Supplier shall identify a FOD control person responsible for implementing FOD prevention, awareness and training.
- Supplier's FOD prevention program shall include a periodic self-assessment of its internal FOD prevention practices, including all subcontractors FOD Prevention Program at every tier, to measure effectiveness of compliance to requirements.
- Supplier's FOD prevention program shall provide annual FOD training to Supplier's employees. At Buyer's request, Supplier shall provide records of such self-assessment and training to Buyer.
- Supplier's FOD prevention program shall, at a minimum, contain the following elements:

1. Design & Manufacturing Process Review	2. Tool Accountability
3. Performance Measurement	4. Hardware Accountability
5. Training	6. Lost Items
7. Material Handling and Parts Protection	8. Physical Entry Control into FOD Critical Areas
9. Housekeeping	10. FOD Focal Point(s)
- Supplier shall ensure that the requirements of this Quality Clause are flowed down to Supplier's subcontractors at every tier.
- Prior to closing inaccessible or obscured areas and compartments during assembly, Supplier shall inspect for foreign objects/materials. Supplier shall ensure that tooling, jigs, fixtures, and test or handling equipment are maintained in a state of cleanliness and repair sufficient to prevent FOD.
- By delivering items to Buyer, Supplier shall be deemed to have certified to Buyer that such Items are free from any foreign materials that could result in FOD.

Q6: Flow-Down Requirements

Supplier shall flow down all applicable contractual requirements to all sub-tier suppliers.

Q7: Sub-Contracted Special Processes

In general, any process subcontracted to the suppliers sub-tiers shall have a minimum ISO90001 certification or United Dynamics approval and be recorded on the United Dynamics Approved Supplier List. Any supplier not holding this minimum approval **shall NOT** be used until written approval has been discussed and agreed with United Dynamics Purchasing/Supplier Quality departments. Details shall be submitted to the relevant buyer. The use of a United Dynamics approved source does not relieve the supplier from the responsibility to furnish acceptable services or supplies.

Q8: Right of Access

Supplier shall allow right of access to United Dynamics, United Dynamics customer(s), and/or regulatory authorities to all facilities involved in this order and to all applicable records unless stated otherwise in documents accompanying these Terms and Conditions.

Q9: Quality System

In accordance with the specific requirements of this Order, Supplier shall provide and maintain a quality control system in accordance with FAR 52.246-2 covering the Products hereunder.

Q10: Inspection System

Suppliers shall develop and maintain inspection procedures and records of inspection. The inspection system will evaluate product and/or processes to the extent necessary to ensure that all Services which conform to the purchase order requirements are delivered to United Dynamics.

Q11: Record Retention & Storage

Records of the certifications and inspections work by Supplier and Supplier's subcontractor(s) shall be kept complete and available to Buyer at Supplier's facility for a minimum of ten (10) years or as previously accepted by United Dynamics. Quality Records shall be stored in a suitable environment that affords protection against physical risks of loss or damage.

Q12: Vendor Performance

United Dynamics utilizes a window of available delivery dates for vendor performance rating. The due date shown on the face of the Purchase Order indicates the date the material is due on dock and required at United Dynamics. Upon receipt of written authorization by the Buyer, a supplier may deliver up to five (5) working days earlier than the required date as indicated and no later than five (5) working days after the Purchase Order due date unless otherwise directed or authorized by the Buyer. This authorization must be in written form. Non Conformances or Supplier Corrective Action Reports can be issued for reasons, such as late deliveries, incorrect product or service supplied, incorrect information on required documentation, FOD, damage, etc.

Q13: Priority Rating

This is a rated order certified for the national defense use, and you are required to follow all provisions of the Defense Priorities and Allocations System regulation (15 CFR 700). The material procured herein will be used in the manufacturing of products supplied to the US Government under contract as noted on the Purchase Order.

Q14: Counterfeit Part Mitigation

Supplier shall comply with the requirements of SAE AS5553 and/or SAE AS6081. They shall have in place a Counterfeit Part Detection and Avoidance System in compliance with the current standards. Supplier shall flow-down these counterfeit detection and avoidance requirements to subcontractor at all levels in the supply chain.

Q15: Limited Shelf Life Items

For chemicals, adhesives, silicone and other age sensitive items, the Supplier shall provide a Certificate of Compliance that includes:

1. The Safety Data Sheet (SDS)
2. Expiration date and or date of manufacture
3. Permissible shelf life
4. Lot and batch number as appropriate
5. Storage temperature range
6. Any other pertinent information relating to the shelf life of the items supplied

In addition, the Supplier shall put the following on each product container label;

1. Product name or nomenclature
2. Date of manufacture
3. Expiration date or permissible shelf lie
4. Lot or batch number
5. Storage temperature range
6. The material on shipment date shall not have exceeded 25% of the total shelf life from the date of manufacture.

Q16: Functional Test Data

A copy of the Supplier's final test report(s) containing quantifiable results of all electrical and/or other functional tests is required to be included with each lot.