

## PROCUREMENT CODES

- 01 QUALITY PROGRAM – The supplier shall comply with the latest revision of ISO 9001:2000.
- 04 NONDESTRUCTIVE TESTING – The material on this purchase order requires nondestructive testing by a facility and/or personnel certified by a Government agency and/or approved by DNE Quality Assurance. The test results shall be interpreted and evaluated to specifications and standards stated on the drawing or purchase order. A copy of the laboratory test report must accompany the materials to DNE when this method of test is required.
- 05 IN-PROCESS INSPECTION – In addition to the requirements of DNE source inspection, all items covered by this purchase order are subject to in-process inspection by DNE Quality representatives. Prior to the application of epoxy/potting materials, any permanent sealing or closure, or the obscuring of operations specified for inspection, the supplier will notify the cognizant buyer within the sufficient time for DNE to supply inspection coverage. Evidence of in process inspection will accompany each shipment.
- 07 WORKMANSHIP STANDARDS – Materials submitted on this purchase order shall conform to the latest revision of all applicable specifications in IPC-A-610 Class 2.
- 09 HAZARDOUS CHEMICAL INGREDIENTS – The supplier shall submit one (1) copy of the Material Safety Data Sheet (OSHA form 20) with each and every shipment generated against this purchase order indicating hazardous ingredients, physical data, fire and explosion hazard data, health hazard data, reactivity data, spill or leak procedures and special precautions.
- 10 STATIC SUSCEPTIBLE DEVICE – Items on this purchase order are susceptible to damage due to static electrical discharge; therefore, bags and wrapping shall be made of conductive materials, and each container clearly identified as static susceptible. Also, the external container used for transportation and/or shipping shall be marked “Static Susceptible Devices”.
- 11 INSPECTION/TESTS REPORTS – One (1) copy of the final inspection and/or test report denoting conformance with all applicable specifications – including quantitative data – shall be submitted with each shipment.
- 12 PHYSICAL/CHEMICAL ANALYSIS – The supplier shall submit one (1) copy of the physical and/or chemical analysis report, denoting conformance with all applicable specification for metals used in the material shipped against this purchase order.
- 14 SPECIAL PROCESSES/METHODS – The supplier shall submit one (1) copy of the test and analysis reports required by the applicable specification for the following special processes and methods: welding; NDE/NDT; and brazing per military specifications.
- 18 QPL SOURCE – Parts shall be manufactured by sources authorized in the current Qualified Products List (QPL). The parts shall be purchased from a QPL manufacturer or its authorized distributors. To provide traceability to manufacturer’s inspections records, identification shall include the manufacturer’s identity and the lot/date code.
- 19 CURE EXPIRATION DATES – Materials on this purchase order having a limited shelf-life shall reflect the cure date and the expiration date on the container. Material must be received at DNE with a minimum of 80% usable life remaining.
- 21 TRACEABILITY – Parts, components, and assemblies procured on this purchase order shall be identified with a unique sequential numbering system, so as to determine the origin of the material used.
- 22 SERIALIZATION – Serialization shall be in accordance with DNE’s specifications.
- 23 PCB ELECTRICAL TESTING – All printed circuit boards produced require bare board testing in accordance with IPC-TM-650.
- 24 CERTIFICATION OF CONFORMANCE – The supplier shall submit one (1) copy with each shipment of a certification that all materials, processes, components, and finished items included therein were controlled and tested in accordance with the requirements of the purchase order and all applicable specifications and that records are on file denoting such conformance. The COC must contain all required information as shown in the example forwarded with the P.O. In addition, any special process performed by the supplier must be specifically listed on the C of C.
- 25 SOURCE INSPECTION – Inspection by a DNE representative is required prior to shipment from the supplier’s plant. This may include inspection of the supplier’s facilities, products, procedures and systems. The supplier shall make available (at no additional cost to DNE) the necessary facilities, equipment, and personnel required to determine compliance with all 25 applicable specifications. The supplier shall notify DNE ten (10) days prior to the availability of the material for inspection.

- 26 GOVERNMENT SURVEILLANCE – Government inspection is required prior to shipment from the supplier’s plant. Upon receipt of the purchase order, the supplier should notify the Government representative who normally services his plant, so the appropriate planning for Government inspection can be accomplished. In the event the representative or office cannot be located, DNE’s purchasing agent should be notified immediately. Evidence of such inspection shall be required upon receipt of material to DNE.
- 27 SPECIAL HANDLING – The supplier shall provide special handling for articles sensitive to handling damage. During fabrication and processing, special carts, boxes, containers, and transportation vehicles shall be used as necessary to prevent damage due to handling.
- 29 MARKING – All purchased parts shall be marked in accordance with the latest revision of Specification Marking Method #20005105-000. The Specification Marking Method details how to mark purchased parts (i.e. metal stamp, ink stamp, label...). The drawing for each purchased part will specify the content of the marking.
- 31 MATERIAL VERIFICATION SAMPLES – The supplier must provide one sample of the material used in the production of the items listed on this purchase order. The sample will be minimum size of 2 in. Square, free of any plating, coating or paint and marked to the attention of the Supervisor, Quality Control.
- 32 Moisture sensitive components shall be classified for level of moisture sensitivity per J-STD-020, labeled per EIA/JEDEC JEP113-B, and handled, packed, and shipped per J-STD-033.
- 32-1 Moisture sensitive component, level 1 per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 32-2 Moisture sensitive component, level 2 per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 32-2a Moisture sensitive component, level 2a per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 32-3 Moisture sensitive component, level 3 per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 32-4 Moisture sensitive component, level 4 per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 32-5 Moisture sensitive component, level 5 per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 32-5a Moisture sensitive component, level 5a per J-STD-20, labeled per EIA/JEDEC JEP113-B, and handled, packed and shipped per J-STD-033.
- 38 F-18 Program, Mandatory Flow Downs, PURH-0316
- 39 First Article Inspection required in accordance with the latest revision of SAE AS9102 – The AS9102 Inspection report must be submitted with product at time of delivery. Refer to <http://www.sae.org>.
- An AS9102 First Article Inspection report is required of a representative item from the first production run of a new or revised (ECN) part, or following any change in the manufacturing location or a significant change in the manufacturing process of a part (new equipment for example).
- Raw Material and Process certifications, referencing any/all applicable specifications and revisions, are required from all suppliers. Copies of all certifications from the suppliers and sub-tier suppliers must be forwarded with each shipment as part of the Supplier Certificate of Conformance.
- 40 “Utilization of Small Business Concerns” - Federal Acquisition Regulation (FAR) 52.219-8 requirements apply to any subcontracting of material, processes or services required to produce this material.
- 41 Subassembly First Article – A partial subassembly is required for submission as part of the first article. This shall be required when critical dimensions cannot be verified at the final assembly level. DNE shall provide the supplier with sufficient detail to describe the specific sub-level that is to be provided.
- 42 An in-process inspection checklist (provided by DNE) is to be completed for each assembly and if applicable each sub-assembly, and is to be submitted with each shipment as part of the Supplier Certificate of Conformance.

- 43 CABLE ASSEMBLY ELECTRICAL TESTING – Cable assemblies shall be tested to ensure proper end to end continuity and to ensure there are no shorting conditions.
- 44 Bake at 220 ± 10 degrees F for 6-8 hours. Package in moisture barrier bags with desiccant and HIC card (no high vacuum).
- 45 SPECIAL PROCESSING – Special processes must be performed by DNE approved special process suppliers. Use of any special process supplier, not on the DNE controlled list must be approved by DNE prior to use.
- 46 This item requires refrigeration.
- 47 This item is flammable and shall be stored in the flammable cabinet.
- 48 This item shall be placed in the freezer.
- 49 Parts specified on the purchase order must be ROHS compliant.
- 50 Military Avionics Mandatory Flowdown, PURH-2439
- 51 Preference for Domestic Specialty Metals – DFAR 252.225-7014, Alt. 1, latest revision applies. This requirement must be flowed down to each level in the supply chain.
- 52 Ensure that all fasteners and/or electrical and electro-mechanical parts delivered and/or used in the manufacture of deliverable products are obtained from the Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM) or their franchised dealer or authorized distributor chain. Parts shall not be used or reclaimed and misrepresented as new. Parts shall NOT be acquired from independent distributors or brokers. Any such items will be referred to DNE and DNE will take necessary steps to procure said material from a DNE approved source with appropriate testing and documentation.
- The vendor shall immediately notify DNE with the pertinent facts if vendor becomes aware or suspects that it has been furnished counterfeit parts. When requested by DNE, the vendor shall provide documentation that authenticates traceability of the affected item to the applicable OCM/OEM. The vendor will be required to maintain documentation proving authenticity for a period no less than 10 years.
- The Supplier shall meet the requirements of DFARS 252.246-7007 for counterfeit part detection and avoidance.
- 53 Quality Note JY – See <http://qnotes.raytheon.com/>
- 54 Quality Note CT - See <http://qnotes.raytheon.com/>
- 55 NADCAP Certified/Accredited Special Process Suppliers - Special processes must be performed by DNE approved, NADCAP certified special process supplier. Refer to DNE's controlled list of special process suppliers (PURH-0098) and select a NADCAP certified supplier capable of performing the special process defined per print.
- 56 Lockheed Martin Mandatory Flow Downs (PURH-2534)

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