

APPENDIX I

QUALITY PURCHASE ORDER NOTES (NOTE NUMBER IDs)

Quality PO Note (Note Number ID)	Description
2000	Certificate of Compliance is required. Certificate must include manufacturer or supplier's name; date of certification; Lockheed Martin purchase order number; part number and revision level or other appropriate description of item being certified; and a statement of compliance that the materials, parts or services meet all requirements of the drawings, specifications and/or purchase order and evidence of inspection, test and acceptability of parts is available for examination. The certificate of compliance must also be signed or otherwise authenticated by a person who is responsible for the quality assurance of the item being procured.
2001	Report of chemical/physical analysis is required.
2002	Test data required. Quality Engineering review required.
2004	Lockheed Martin source inspection is required. Please provide Lockheed Martin buyer with as much advance notice of expected availability as possible. Please have any completed data items available for source inspector's review. Lockheed Martin may elect to waive source inspection.
2005	Survey and/or quality system audit of supplier's facilities is required.
2006	Date stamping is required for shelf life control - individual containers are to be marked when possible.
2007	Supplier's quality system must be certified to MIL-Q-9858, MIL-I-45208 or ISO 9001.
2008	Supplier's quality system must be certified to ISO 9001.
2009	Supplier of calibration services must be certified to a system meeting MIL-STD-45662, ISO 17025, or ISO 9001.
2010	Time and temperature charts are required with each heat treat lot.
2011	Cure date is required on all rubber or synthetic elastomers. Manufacturer's date is required for all shelf life controlled items other than rubber or synthetic elastomers.
2012	Inspection Instruction is required to be used during source inspection. A copy of the completed inspection instruction should be included with the shipment.
2013	Each shipment must be supplied from the same lot, batch or heat treat lot. The supplier shall maintain records to identify which raw material lot each shipment is from.

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2014	Each shipment must be supplied from one manufacturer and one lot/ date code. Supplier packaging must be marked with manufacturer lot/ date code such that traceability can be obtained.
2015	No special quality control requirements.
2016	No substitutions permissible, parts must be exactly as ordered (i.e. failure rate, reliability, tolerance, etc.). If better parts are received, they will be rejected at Receiving Inspection and returned to vendor by Lockheed Martin quality engineering at vendor's expense.
2017	Parts must meet the solderability requirements of MIL-STD-2000A, Paragraph 5.2.1.1.
2018	See additional quality requirements (in Material PO text) listed under part number on purchase order.
2019	Raw material certification is required.
2020	Plating/ Finish certification is required.
2021	Test data is required. No Quality Engineering review required. FILE ONLY.
2022	100% electrical testing in compliance with specified documents is required. Supplier must certify.
2023	Supplier's quality system must be certified to AS9100.
2025	Parts are ESD sensitive and shall be handled and packaged in accordance with EIA/JEDEC Standard JESD625-A and packaged in static shielding bags. Note: Pink plastic or foam does not provide electrostatic shielding and will not be accepted when used as the only means of protection.
2026	Parts are moisture sensitive and shall be handled and packaged in accordance with IPC/JEDEC Standard J-STD-033B. All reels must be capable of high temperature 125 C bake.
2027	Government source inspection is required. Upon receipt of this order promptly furnish a copy to the Government representative who normally services your plant or Defense Logistics Agency inspection office. In the event the representative or agency cannot be located, contact Lockheed Martin's buyer for assistance. Evidence of Government source inspection must be included with each shipment.
2028	Test data is required; inspector shall review for compliance with specified documents.
2029	Devices that have passed screening shall have a unique permanent marking indicating acceptance.

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2031	<p>If the supplier has not manufactured this part number within the last 12 months, Lockheed Martin first article approval is required before running production quantities. The following items must be submitted for approval:</p> <ul style="list-style-type: none"> a) A five piece sample with complete dimensional inspection reports or an approved alternate method to verify the drawing requirements b) All documentation required by the purchase order c) Inspection Plan/Procedure d) The first article submittal must be sent to the attention of the Supplier Quality Manager. Do not ship without first notifying the buyer or subcontract program manager of availability. Lockheed Martin may wish to inspect at source and at incoming to ensure that methods and results are compatible. e) Parts should be clearly marked or labeled "FIRST ARTICLE". <p>Note: Upon first article approval any process changes shall be submitted to Lockheed Martin for review before being implemented. Changes shall also include operations that are subcontracted.</p> <p>In addition, residual inventory from a previous production build is not an acceptable first article submission. The first article must be a representation of the new production run.</p>
2032	<p>Items on this purchase order are classified nuclear safety related. The applicable provisions of 10CFR21 ("Reporting of Defects and Noncompliances") apply to this procurement. If a supplier or sub tier supplier reports any defects to the NRC under Part 21, the supplier shall concurrently furnish the purchaser (MFC) with a copy of the report. All materials, parts and services used by the supplier for use in the supplier's safety related component must meet one of the following conditions.</p> <ul style="list-style-type: none"> • Item was purchased as safety related material from a qualified safety related supplier under the provisions of 10CFR21 and NQA-1; or • Item was purchased as commercial grade material and dedicated using methods comparable to those described in EPRI NP-5652.
2035	<p>The supplier shall maintain a system compliant with 10CFR50 Appendix B. The seller shall provide a certificate of conformance/compliance (C of C) for the items or services provided. The certification statement must state that the item(s) or services(s) were processed or completed under 10CFR50 Appendix B program.</p>
2036	<p>During the performance of this order, LM and its customers reserve the right to review, verify and participate in the supplier's quality assurance systems and associated manufacturing processes including inspection, testing of any work related to this order. The activity will be performed in such a manner to not disrupt normal processing and shall be conducted on a non-interference basis.</p>
2039	<p>Nonconformances identified by the Supplier, shall be controlled to prevent the delivery of nonconforming items to the Purchaser. Nonconforming items identified by the Supplier shall be submitted to the Purchaser for approval with a recommended disposition (e.g., use-as-is or repair) and technical justification. Reports of nonconformances related to this Purchase Order or any documentation required by this Purchase Order, shall be submitted to the Purchaser for approval when any one of the following conditions exist:</p> <ul style="list-style-type: none"> • Technical or material requirements are violated; or • A requirement in the Supplier documents which have been approved by the Purchaser, is violated; or

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	<ul style="list-style-type: none"> • The nonconformance cannot be corrected by continuation of the original manufacturing process or by rework; or • The item does not conform to the original requirements even though the item can be restored to a condition such that capability or the item to function is unimpaired. <p>The Purchaser retains the right to verify implementation of the approved nonconformance disposition.</p>
2040	Records of Inspection and Test shall be maintained by the supplier for 7 years and Records of Calibration shall be maintained by the supplier for 3 years unless further defined in the purchasing requirements.
2042	Unless otherwise specified by the Purchase Order, all items delivered shall be traceable to the raw material heat/melt/lot. Physical material marking (such as stenciling, stamping, free handwriting, or printing) shall be used for identifying metal products.
2043	The seller shall take necessary actions to assure products associated with this procurement are procured direct from the original manufacturer or manufacturer authorized distributors. The seller shall have full responsibility of supplying articles of proper origin and void of article/ part counterfeiting or substitution. The seller shall not supply reused, reworked, mishandled, improperly stored, improperly tested or articles of unknown or unverified pedigree.
2044	<p>The Supplier shall provide Certified Material Test Report(s) (CMTR) for all material delivered under this Purchase Order. CMTR documentation shall be legible and reproducible. CMTR documentation shall include:</p> <ul style="list-style-type: none"> • Identification of actual chemical and physical tests performed on a representative sample of the material heat/melt/lot and the results of each test performed • Heat/Melt/Lot No. • Applicable specification • Statement of Test Results Certification • Identification of Testing and Certifying organization • Traceability to the material and/or end item(s) delivered • Purchaser Purchase Order No. <p>Physical marking/labeling of material is required to maintain CMTR Traceability. As a minimum, marking shall include:</p> <ul style="list-style-type: none"> • Specification Designation • Heat/Melt/Lot No. • Manufacturer Identification.
2045	The Supplier shall serialize all parts, components, subassemblies, and assemblies as required by this Purchase Order. Each item shall be serialized sequentially and consecutively. Unless otherwise specified, serial number schemes shall be developed, controlled, and implemented by the Supplier.
2047	Certificate of Compliance from original manufacturer is required. Certificate must include the manufacturer's name; each date/lot code provided in shipment; date of certification; part number and revision level or other appropriate description of item being certified; and a statement of compliance that the materials, parts or services meet all requirements of the drawings, specifications and/or purchase order and evidence of inspection, test and acceptability of parts is available for

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	examination. The certificate of compliance must also be signed by a person who is responsible for the quality assurance of the item being procured. If parts are provided from a distributor, it shall be an authorized distributor and all certificates of compliance shall be traceable back to the original manufacturer. Different lot/date codes shall be provided in segregated packaging.
2049	Supplier inspection data is required. Actual recorded inspection data for at least five pieces from the current lot being shipped, plus any other records indicating extent of inspection upon which supplier acceptance is based. Objective is to limit the amount of Lockheed Martin inspection and facilitate Lockheed Martin acceptance.
2050	Supplier must have calibrated acceptance tools traceable to NIST and a method for controlling nonconforming material. Lockheed Martin reserves the right verify on-site.
2052	Lockheed Martin to approve Manufacturing Instructions: Prior to building production items, a copy of the Manufacturing Process Instructions to be used shall be submitted to Lockheed Martin for approval. Any modification of the processes must be approved by Lockheed Martin with written authorization, before implementation of the change.
2053	Lockheed Martin to approve Acceptance Test Procedures: Prior to building production items, a copy of the Acceptance Test Procedure to be used shall be submitted to Lockheed Martin for approval. Any modification of the procedure must be approved by Lockheed Martin with written authorization, before implementation of the change.
2054	Commercial Grade Dedication Plan applies.
2055	The following additional clauses are incorporated into this purchase order: DFARS 252.223-7002 Safety Precautions for Ammunitions and Explosives DFARS 252.223-7003 Change in Place or Performance – Ammunition and Explosives. Work shall be in accordance with DOD 4145.26-M, DOD contractor’s safety manual for Ammunition and Explosives.
2056	Heat treat certification is required indicating that the parts were heat treated IAW the requirements of the applicable drawing and/or specification.