

**QUALITY CODE LIST**

*Definitions of the below listed QCodes can be found within the body of this document.*

<b>Q001</b>	<b>Seller Quality Requirements</b>
<b>Q002</b>	<b>Counterfeit Work</b>
<b>Q003</b>	<b>Certificate of Conformance Required:</b>
<b>Q004</b>	<b>Test Reports Required (FASTENERS)</b>
<b>Q005</b>	<b>Test Reports Required (RAW MATERIAL)</b>
<b>Q006</b>	<b>Maintenance Release:</b>
<b>Q007</b>	<b>RATED ORDER: Defense Priorities and Allocations System (DPAS)</b>
<b>Q008</b>	<b>Repaired Assets:</b>
<b>Q009</b>	<b>Teardown Report:</b>
<b>Q010</b>	<b>Source Inspection Required:</b>
<b>Q011</b>	<b>Documented Traceability Requirement:</b>
<b>Q012</b>	<b>Source/Specification Control Drawings</b>
<b>Q017</b>	<b>Drop Ship Authorized:</b>
<b>Q019</b>	<b>First Article Inspection (FAI) Requirement: (Lockheed)</b>
<b>Q020</b>	<b>Partially Assembled Deliverables:</b>
<b>Q025</b>	<b>Material Safety Data Sheet Required:</b>
<b>Q037</b>	<b>Breakdown of Kit List Required:</b>
<b>Q040</b>	<b>Critical Safety Item (P-3 Aircraft Only): (Lockheed)</b>
<b>Q045</b>	<b>Government Approved Sources</b>
<b>Q046</b>	<b>QPL Listed Item:</b>
<b>Q047</b>	<b>Flight Safety Critical Aircraft Part Acquisition:</b>
<b>Q048</b>	<b>Critical Safety Item:</b>
<b>Q049</b>	<b>Controlled Processes: (Lockheed)</b>
<b>Q050</b>	<b>Controlled Processes (Boeing)</b>
<b>Q051</b>	<b>Controlled Processes (Northrop Grumman)</b>
<b>Q099</b>	<b>Manufacturer's Commercial and Government Entity (CAGE) Code</b>
<b>M009</b>	<b>Mil-STD Marking Requirement:</b>
<b>M015</b>	<b>Barcoding of Container Required:</b>
<b>P001</b>	<b>Identification</b>
<b>P002</b>	<b>Electrostatic Discharge Protection: (ESD Sensitive Protection)</b>
<b>P004</b>	<b>DOD Marking (as applicable)</b>
<b>P008</b>	<b>Packaging (Commercial)</b>
<b>P012</b>	<b>Packaging Requirement of Aluminum and Magnesium products:</b>
<b>P013</b>	<b>Packaging Requirement of Steel products</b>
<b>P016</b>	<b>Packaging Requirement</b>
<b>S001</b>	<b>Shelf life: 55% Remaining</b>
<b>S004</b>	<b>Shelf life: 95% Remaining</b>
<b>S005</b>	<b>Shelf Life: Age Controls</b>

General Quality Codes	
<b>Q001</b>	<b>Seller Quality Requirements</b>
	<p>Seller shall comply with the requirements of Buyer's "Supplier Quality Requirements" outlined in QMS-GD-P01 (Current Revision). Copies of this document may be found on World Micro's website at <a href="http://www.worldmicro.com/quality/supplier-requirements">http://www.worldmicro.com/quality/supplier-requirements</a> or a copy can be provided by contacting WMC. In the event of conflicting requirement(s) between QMS-GD-P01 and a specified requirement within the purchase order contract, the specified requirement(s) will take precedence.</p>
<b>Q002</b>	<b>Counterfeit Work</b>
	<p>(a) The following definitions apply to this clause:  <i>"Counterfeit Work"</i> means Work that is or contains unlawful or unauthorized reproductions, substitutions, or alterations that have been knowingly mismarked, misidentified, or otherwise misrepresented to be an authentic, unmodified part from the original manufacturer, or a source with the express written authority of the original manufacturer or current design activity, including an authorized aftermarket manufacturer. Unlawful or unauthorized substitution includes used Work represented as new, or the false identification of grade, serial number, lot number, date code, or performance characteristics.  <i>"Suspect Counterfeit Work"</i> means Work for which credible evidence (including, but not limited to, visual inspection or testing) provides reasonable doubt that the Work part is authentic.</p> <p>(b) SELLER shall not deliver Counterfeit Work or Suspect Counterfeit Work to WORLD MICRO under this Contract.</p> <p>(c) SELLER shall only purchase products to be delivered or incorporated as Work to WORLD MICRO directly from the Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM), or through an OCM/OEM authorized distributor chain. SELLER may use another source only if (i) the foregoing sources are unavailable, (ii) SELLER's inspection and other counterfeit risk mitigation processes will be employed to ensure the authenticity of the Work, and (iii) SELLER obtains the advance written approval of WORLD MICRO.</p> <p>(d) SELLER shall maintain counterfeit risk mitigation processes in accordance with industry recognized standards and with any other specific requirements identified in this Contract.</p> <p>(e) SELLER shall immediately notify WORLD MICRO with the pertinent facts if SELLER becomes aware that it has delivered Counterfeit Work or Suspect Counterfeit Work. When requested by WORLD MICRO, SELLER shall provide OCM/OEM documentation that authenticates traceability of the affected items to the applicable OCM/OEM. SELLER, at its expense, shall provide reasonable cooperation to WORLD MICRO in conducting any investigation regarding the delivery of Counterfeit Work or Suspect Counterfeit Work under this Contract.</p> <p>(f) This clause applies in addition to and is not altered, changed, or superseded by any quality provision, specification, statement of work, regulatory flowdown, or other provision included</p>

	<p>in this Contract addressing the authenticity of Work.</p> <p>(g) In the event that Work delivered under this Contract constitutes or includes Counterfeit Work, SELLER shall, at its expense, promptly replace such Counterfeit Work with genuine Work conforming to the requirements of this Contract. Notwithstanding any other provision in this Contract, SELLER shall be liable for all costs relating to the removal and replacement of Counterfeit Work, including without limitation WORLD MICRO's costs of removing Counterfeit Work, of installing replacement Work and of any testing necessitated by the reinstallation of Work after Counterfeit Work has been exchanged. The remedies contained in this paragraph are in addition to any remedies WORLD MICRO may have at law, equity or under other provisions of this Contract.</p> <p>(h) SELLER shall include paragraphs (a) through (f) and this paragraph (h) of this clause or equivalent provisions in lower tier subcontracts for the delivery of items that will be included in or furnished as Work to WORLD MICRO.</p>
<b>Q003</b>	<b>Certificate of Conformance Required:</b>
	<p>Seller must provide a Certificate of Conformance stating that material/items supplied under this purchase order meet all applicable purchase order requirements. This certificate shall include:</p> <ol style="list-style-type: none"> <li>1. Purchase Order Number</li> <li>2. Requested Part Number</li> <li>3. Nomenclature</li> <li>4. Condition</li> <li>5. The certificate shall bear the signature or stamp and title of an authorized agent of the Seller.</li> </ol> <p>This Certificate of Conformance shall accompany the shipment.</p> <p><b>Note: If the Seller is providing an Alternate Part Number, the Seller must include documentation traceable to the Original Equipment Manufacturer (OEM) stating that the material is a suitable substitute.</b></p>
<b>Q004</b>	<b>Test Reports Required (FASTENERS)</b>
	<ol style="list-style-type: none"> <li>A. Seller must provide with each shipment the manufacturer's test report certifying items furnished comply with applicable specification(s). The test report will include the lot number and specification(s), including revision level(s), for which the item has been tested.</li> <li>B. Where specification(s) require quantitative limits on chemical, mechanical, or physical properties, the test report must have actual results from an examination/test.</li> <li>C. Fasteners having a diameter of 0.25 inch or greater including bolts, nuts, screws, rivets and studs that are manufactured to National/Military Standards such as MS..., AN..., NAS..., etc. require reports.</li> <li><b>D. Each shipment to Buyer must consist of items from a single lot.</b></li> </ol>

<b>Q005</b>	<b>Test Reports Required (RAW MATERIAL)</b>
	<p>A. Seller must provide with each shipment the manufacturer's test report that certifies materials furnished comply with applicable specification(s). The test report will include the specification(s), including revision levels for which the material has been tested and specific lot numbers.</p> <p>B. Where specification requires quantitative limits on chemical, mechanical, or physical properties, the test report must have actual results from the examination/test. Aluminum products (except castings) may include chemistry range only. Physical properties must indicate actual values.</p> <p>C. In the case of converted material produced from raw material previously certified by the original manufacturer, Seller must provide test results of how the process altered the properties of the certified manufactured material.</p> <p><b>D. Each shipment to Buyer must consist of items from a single lot.</b></p> <p><b>E. Where the supplier utilizes test reports to verify purchased product they shall periodically validate test reports for raw material. These records shall be made available upon request.</b></p>
<b>Q006</b>	<b>Maintenance Release:</b>
	<p>Maintenance release/return to service certification or equivalent required with shipment. Examples include FAA 8130-3 (where applicable), DD1574, maintenance release certificate, etc.</p>
<b>Q007</b>	<b>RATED ORDER: Defense Priorities and Allocations System (DPAS)</b>
	<p><b>This is a rated order certified for national defense use, and you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CFR Part 700).</b></p> <p>The Department of Commerce (DOC) delegates the authority to place priority ratings on contracts/orders (rated orders) necessary or appropriate to promote the national defense, in accordance with the DPAS regulation (15 CFR Part 700).</p>
<b>Q008</b>	<b>Repaired Assets:</b>
	<p>A serviceable tag must be completed and affixed to each asset upon return. The following data, as a minimum is required: part number, serial number, purchase order number, inspector's name and/or inspector's stamp, work performed, and condition code "A" for serviceable.</p>

<b>Q009</b>	<b>Teardown Report:</b>
	<p>Seller must provide a teardown report for each unit overhauled/repaired and tested. If the overhaul/Repair results in a change in the configuration (i.e. Dash number, Revision or Part number) documentation stating compatibility with the original part must accompany the paperwork. Teardown report must contain the following:</p> <ul style="list-style-type: none"> <li>A. Parts removed and replaced as applicable.</li> <li>B. Part number.</li> <li>C. If serialized serial number.</li> <li>D. If the part was Repaired or Overhauled and test results if applicable.</li> </ul>
<b>Q010</b>	<b>Source Inspection Required:</b>
	<p>Source Inspection required at the manufacturer's/repair facility. Seller must notify buyer seven calendar days in advance of proposed quality verification. Evidence of the completed inspection must be shown on the shipping documents. You are required to provide reasonable access for the Source Inspector to any drawings, documents, and inspection equipment at any point in the manufacturing process.</p>
<b>Q011</b>	<b>Documented Traceability Requirement:</b>
	<ul style="list-style-type: none"> <li>A. Items ordered on this purchase order require traceability. Seller must maintain a documented system for recording and controlling of traceable items in accordance with specified requirements with full connectivity to Original Equipment Manufacturer (OEM) or last Federal Aviation Administration (FAA) certified facility.</li> <li>B. Where no requirements are otherwise specified in the purchase order. The Seller must: <ul style="list-style-type: none"> <li>1. Maintain records of each item to ensure traceability to parent material by heat/lot number and producer's name. Such data shall be identified on the shipper.</li> <li>2. Identify each item with buyer /manufacturer's part number, (as appropriate) heat/lot number, producer's name and grain direction. (When applicable).</li> <li>3. Associated documents must be maintained at least (7) years.</li> </ul> </li> <li>C. As removed items require additional evidence of traceability. The Certificate of Conformance must contain the aircraft nomenclature and serial number (not tail number) of the donor aircraft.</li> </ul>
<b>Q012</b>	<b>Source/Specification Control Drawings</b>
	<p>Parts/Material that are Source or Specification controlled must be traceable to the sources (CAGE Code) listed on the reference drawing. When the listed source is no longer available the seller shall contact the Procurement Representative listed on the Purchase Order to obtain Buyer Engineering disposition.</p>

Q017	<p><b>Drop Ship Authorized:</b></p> <p>Seller must provide the buyer with the date when the material actually shipped from their facility, a copy of the packing slip referencing the waybill number and all documentation required by the purchase order. The original documents must be sent to World Micro. Recipient must fax copies of shipper to World Micro for further processing.</p>
Q019	<p><b>First Article Inspection (FAI) Requirement: (Lockheed)</b></p> <p><b>FAI required in accordance with AS9102, or approved by an LM Procurement Quality Assurance Engineer.</b></p> <p><i>NOTE: The requirements of this clause do not apply to Hologram identified items or items supplied by other Lockheed Martin locations.</i></p> <p>A. Seller shall establish and maintain internal processes for the accomplishment of each First Article Inspection (“FAI”) in accordance with AS9102 and Q019. FAIs are performed to ensure delivered Items are in compliance with the requirements of this PO. Seller may obtain copies of AS9102 from the Society of Automotive Engineers at: <a href="http://www.sae.org">www.sae.org</a>. Forms can be obtained at: <a href="http://www.sae.org/aaqg/publications/AS9102-faq.htm">http://www.sae.org/aaqg/publications/AS9102-faq.htm</a>. References to AS9102 in this document refer to the revision in effect at the time of this PO or Seller may work to a more current version of AS9102, if desired, at no additional cost, price or fee of this PO.</p> <p>B. Buyer reserves the right to require Seller to perform an FAI, at Buyer’s request, at no additional cost, price or fee of this PO.</p> <p>C. Seller shall document completion of the FAI in the English language.</p> <p>D. For “Buyer-Designed Items”, Sellers procuring or manufacturing Items requiring AS9102 compliance shall contact assigned Supplier Quality Engineer a minimum of 5 days prior to Seller procuring items or beginning any manufacturing activity for this PO. Assigned Supplier Quality Engineer may elect to review or participate in Seller’s FAI process at any time throughout the FAI process based on the complexity/criticality of the item and Seller’s performance to Buyer’s requirements.</p> <p>E. Distributors that procure Buyer-designed Items shall ensure that the manufacturer has performed FAI and that documentation are available upon request.</p> <p>F. For “Seller-Designed” Items associated with Buyer-released engineering definition (i.e. Buyer Source Control Drawing, Buyer Specification Control Drawing, Seller Interface Control Drawing), Seller, at a minimum, shall meet Buyer’s FAI requirements. Seller shall document the results in the FAI report. Buyer shall have the right to request additional verification of the FAI process as may be required by Buyer’s Program or other quality requirements. Seller shall contact assigned Supplier Quality Engineer a minimum of 5 days prior to Seller procuring Items or beginning any manufacturing activity for this PO. Assigned Supplier Quality Engineer may</p>

participate in the FAI process at any time from inception until the FAI is complete. The degree of the Supplier Quality Engineer participation will be dependent on the complexity/criticality of the Item and Seller's performance to Buyer's requirements.

G. If and when Seller incorporates any engineering change (including software/firmware) that has the potential to affect form, fit, function, safety, or reliability, Seller, without further direction from Buyer, shall perform partial or full FAI as required by AS9102. Seller shall perform partial or full FAI, at no increase in the cost, price or fee of this PO, to ensure that the changes have had no adverse effect on Items delivered under this PO. This partial or full FAI requirement also includes changes to non-deliverable software and revisions in programming used in numerical controlled machines, test stations, coordinated measuring equipment, etc.

**NOTE:** Paragraph G augments the requirements of AS9102

Seller shall adhere to the requirements of Paragraph G and AS9102 which requires the performance of a full or partial FAI when any of the following events occur:

1. A change in design affecting fit, form, or function of the part.
2. A change in manufacturing source(s), process(es), inspection method(s), location of manufacture, tooling or materials, that can potentially affect fit, form or function.
3. A change in numerical control program or translation to another media that can potentially affect fit, form or function.
4. A natural or man-made event, which may adversely affect the manufacturing process.
5. A lapse in production for two years or as specified by the Customer (reference Para. B).

H. Seller shall notify the assigned Supplier Quality Engineer a minimum of 5 days prior to creating or starting any changes identified in paragraph G above or AS9102 that affect items delivered under this PO. Seller shall submit documentation of complete or partial FAIs accomplished as a result of such changes to the assigned Supplier Quality Engineer.

I. The following items shall not require FAI, unless otherwise directed by Buyer:

1. Standard hardware and electronic piece parts (AN, MS standard hardware, etc.),
2. Items procured under this PO to Seller's part number,
3. Commercial Off-the-Shelf ("COTS") Items,
4. Metallic (plate, bar, rod, etc.) and non-metallic (paints, sealants, adhesives, etc.) raw materials,
5. Engineering models, design/concept prototypes, etc...
6. Items that have been manufactured and delivered to the U.S. Government where Seller has objective evidence of an FAI performed, within the past two (2) years from date of this PO, for the U.S. Government to the same configuration as required by this PO.
7. Items that have been returned by Buyer for repair, or
8. Items procured to Buyer's part number where Buyer has not developed drawings and/or specifications controlling the Item's physical and functional requirements.

J. Seller shall ensure discrepancies and non-conformances, if any, discovered during the



	<p>FAI are documented and dispositioned by the appropriate Material Review Board (“MRB”) actions, (i.e., Seller’s MRB for Seller design and Buyer’s MRB for Buyer design).</p> <p>K. Seller shall comply with the forms usage and completion requirements stated in AS9102. Seller shall complete all fields, but may mark a field as not applicable by indicating “N/A”, if appropriate.</p> <p>L. Seller shall submit objective evidence of the completed FAI with each shipment unless prior authorization, in writing, has been obtained from the Supplier Quality Engineer. Supplier Quality Engineer may use record on file as objective evidence if the item and revision are from the same manufacturer as the FAI on record.</p> <p>M. Seller shall maintain documentation of FAI results on each deliverable end item for the period specified by this PO. Seller shall provide to Buyer, within 48 hours of a request by Buyer, a complete copy of FAI reports at no increase in the cost, price, or fee of this PO.</p> <p>N. Seller may use Quality Clause Q019, Revision 2011-03, to meet FAI requirements in any Other PO with prior versions of Quality Clause Q019 imposed between Buyer, acting for and through Lockheed Martin Aeronautics Company, and Seller, provided that Seller does so at no increase in price, cost or fee of this PO.</p> <p>O. Seller shall comply with AS9102 for all Items where Seller completed the initial FAI to the requirements of Quality Clause Q019.</p>
<b>Q020</b>	<b>Partially Assembled Deliverables:</b>
	<p>Assemblies that are delivered in an unassembled configuration shall have a listing of all parts, components, and pieces required to complete the assembly. This listing will accompany the shipment.</p>
<b>Q025</b>	<b>Material Safety Data Sheet Required:</b>
	<p>Seller must provide two copies of Material Safety Data Sheet (MSDS) with shipment.</p>
<b>Q037</b>	<b>Breakdown of Kit List Required:</b>
	<p>Seller must provide a kit list with the individual breakdown of parts with shipment.</p>
<b>Q040</b>	<b>Critical Safety Item (P-3 Aircraft Only): (Lockheed)</b>
	<p>This is a <u>CRITICAL SAFETY ITEM</u> identified by Lockheed Martin P-3 Process Specification C-3000 and STP51-600. This specification establishes the controls necessary for P-3 Critical Safety Items (CSI). This specification details specific inspection, testing, serialization and traceability requirements which are in addition to existing Engineering requirements.</p>
<b>Q045</b>	<b>Government Approved Sources:</b>
	<p>Parts/Material shall be in compliance with requirements of the Contract Technical Data File</p>



	(CTDF); Procurement Item Description (PID); this includes approved sources of supply. Seller must provide Original Equipment Manufacture (OEM) Certification with shipment.
<b>Q046</b>	<b>QPL Listed Item:</b>
	Item(s) must be supplied from an approved source listed on the Government Qualified Products List (QPL). Qualification must be in accordance with the cited specifications/standards. The source of this item must be certified and QPL approved at time of contract award.
<b>Q047</b>	<b>Flight Safety Critical Aircraft Part Acquisition:</b>
	This part is a Flight Safety Critical Aircraft Part (FSCAP) and acquisition process must comply with the Department of Defense (DoD) Material Management Regulation – DoD4140.1-R.
<b>Q048</b>	<b>Critical Safety Item:</b>
	This is a <u>CRITICAL SAFETY ITEM</u> (CSI) that contains characteristics whose failure, malfunction or absence could result in death, permanent total disability, or permanent partial disability to personnel, or injuries that may result in hospitalization. Seller must identify to World Micro the manufacturer if other than that identified on the purchase order prior to commencement of work.
<b>Q049</b>	<b>Controlled Processes: (Lockheed)</b>
	<p><b><u>NOTE: The requirements of this clause do not apply to processes performed on-site at Lockheed Martin facilities or Hologram identified items.</u></b></p> <p>Seller shall use the QCS-001 Directory to identify both the process sources and the controlled processes that require Buyer approval, prior to use for Items delivered to Buyer.</p> <p>Buyer hereby authorizes Seller to use Nadcap approved sources for Industry Standard processes controlled by QCS-001. Seller shall ensure that a source is currently approved by Nadcap, prior to a source performing processing on Items. Seller may access Nadcap approved sources at <a href="http://www.pri.sae.org">http://www.pri.sae.org</a> or <a href="http://www.eauditnet.pri.sae.org">http://www.eauditnet.pri.sae.org</a>. Upon request by Buyer, Seller shall provide Buyer with objective evidence that Seller selected and used a source approved by Nadcap at the time processing was performed and at the time Item(s) is/are delivered to Buyer. Buyer does not mandate Seller’s use of Nadcap approved sources and shall not be responsible for any cost associated with Nadcap accreditation or the use of a Nadcap approved source or process. Buyer shall have the right to validate any Nadcap approved source or process using normal survey practices, and shall have the right to disapprove Seller’s use of any such source in connection with this PO</p> <p>The list of both Buyer-controlled processes and Buyer-approved sources can be found on Buyer’s Internet Home Page at: <a href="http://www.lockheedmartin.com/material-management/">http://www.lockheedmartin.com/material-management/</a></p> <ul style="list-style-type: none"> <li>• Highlight “Quality Requirements”</li> <li>• Select “Supplier Quality Management System”</li> <li>• Select “Supplier Quality Management” and follow instructions</li> </ul> <p>Seller shall be responsible for ensuring that Seller or QCS-001 sources have the appropriate revision level of the process standards/specifications prior to performing processing in connection with the Items</p>

	<p>Seller shall prepare a Certificate of Conformance (CoC) asserting that the Items contained within this shipment are in total compliance with the requirements of this PO. Items provided under this PO must meet all applicable requirements. Any exceptions shall be annotated in the delivery package. A copy of the CoC shall be included with Seller’s product shipper.</p> <p>Seller’s CoC prepared for each shipment shall include the following data elements/information:</p> <ol style="list-style-type: none"> <li>1. Purchase Order Number</li> <li>2. Requested Part Number</li> <li>3. Title and specification number (including revision letter) of the process</li> <li>4. Name and address of the process or NDT facility</li> <li>5. Buyer’s assigned processor number</li> <li>6. Date the CoC was issued</li> <li>7. Quantity of parts (to include quantity accepted/ rejected)</li> <li>8. Signature and title of authorized quality agent of seller</li> <li>9. Fracture durability classification or serialization when required</li> </ol> <p><i>Note: Seller must provide with each shipment, objective evidence of compliance to material processes specified under this purchase order. Objective evidence may be in the form of, but not limited to, material test results, personnel certification, inspection records, and process sheets</i></p>
<b>Q050</b>	<b>Controlled Processes (Boeing)</b>
	<p>The Seller and their subcontractors must review D1-4426, Boeing Approved Processor Sources, when special process specification (s) identified on engineering drawings, specifications or the Purchase Document line item are required. Objective evidence indicating use of approved sources is required with each shipment. Any/all processes identified in D1-4426 must be performed by Boeing approved sources. Accessing D1-4426 via the web is the only acceptable method to maintain compliance to Boeing requirements. D1-4426 is accessible via the Internet at the following web address:</p> <p style="text-align: right;"><a href="http://www.boeing.com/companyoffices/doingbiz/d14426">http://www.boeing.com/companyoffices/doingbiz/d14426</a></p>
<b>Q051</b>	<b>Controlled Processes (Northrop Grumman)</b>
	<p>When special processes listed in Northrop Grumman Information System (NGIS) “Approved Special Processors List”, (ASPL), are required by drawing, another specification, or purchase order, the supplier shall ensure that the processing source, including those performed by the supplier, are listed on the ASPL for the process prior to any processing of hardware. Objective evidence indicating use of approved sources is required with each shipment.</p> <p>The NGIS ASPL can be found on the OASIS website:</p> <p style="text-align: right;"><a href="https://oasis.northgrum.com/">https://oasis.northgrum.com/</a></p>
<b>Q099</b>	<b>Manufacturer’s Commercial and Government Entity (CAGE) Code</b>
	<p>Seller is to provide Manufacturer’s Commercial and Government Entity (CAGE) Code for each item. The CAGE code is to be legibly recorded on the Seller’s documentation (e.g., shipper or certification). If the manufacturer does not have a CAGE code, this will be annotated on the documentation.</p>

--	--

Quality Codes for Container Markings	
<b>M009</b>	<b>Mil-STD Marking Requirement:</b>
	Item(s) must be marked in accordance with MIL-STD-130 ( <i>latest revision, unless otherwise specified by P.O.</i> ), identification marking of U.S. Military Property.
<b>M015</b>	<b>Barcoding of Container Required:</b>
	<p>Barcode all containers unless the Buyer grants deviation.                      Seller must construct barcodes and apply markings as follows:</p> <p><u>Example of barcode data elements:</u></p> <ul style="list-style-type: none"> <li>A. Purchase Order Number</li> <li>B. PO Line Item Number</li> <li>C. Packing Sheet Number</li> <li>D. Line Item Quantity in Shipment</li> <li>E. Total cartons per line items</li> <li>F. MSDS Number (only if hazardous)</li> <li>G. Manufacturer’s CAGE Code</li> </ul> <p><u>Element Requirements:</u></p> <ul style="list-style-type: none"> <li>• Data elements will preferably be in a stacked array. In-line codes may be used if .25 inches are maintained between barcodes and proper order is maintained. Do not use MSDS barcode if shipment is non-hazardous.</li> <li>• Barcodes must be readable commercial code 3 of 9.</li> <li>• Barcodes will be applied by means of labels.</li> <li>• Barcodes will be a horizontal "picket fence" with minimum height of .5 inches and may not contain more than one line item.</li> <li>• Different barcoded containers containing different line items may be consolidated for shipping/handling purposes without barcodes on the consolidation container. Seller must mark such containers <b>“Contains Multiple Line Items.”</b> Inside, each container must have its own barcode.</li> <li>• Barcodes must apply to the total quantity of a given line item.</li> <li>• If multiple containers are required for one line item, only the first container must be bar-coded. Seller must mark all remaining containers in the series with a piece number (i.e., 2 of 3, 3 of 3, etc.) and the quantity <b>PER BOX</b> shall be marked on each box in human readable form.</li> <li>• If material is "non-markable", (i.e., oily raw stock, etc.) the barcodes may be placed with the packing list.</li> <li>• Seller may use separate labels for each barcode in lieu of all barcodes being on one label as long as the correct order is maintained.</li> <li>• Sellers who do not have a barcoding capability may use the <b>FREE</b> LM Barcode Generator at the following website:</li> </ul> <p style="text-align: center;"><a href="https://mfcbastion.external.lmco.com/barcode/barcode.asp">https://mfcbastion.external.lmco.com/barcode/barcode.asp</a></p>

	Label 1	Label 2
	Purchase Order       12345678	Purchase Order       12345678
	PO Line Item Number       0001	PO Line Item Number       0002
	Packing Sheet Number       12345678	Packing Sheet Number       12345678
	Line Item Qty in Shipment       50	Line Item Qty in Shipment       60
	Total Contains Per Line       2	Total Contains Per Line       3
	CAGE Code       1WL60	CAGE Code       1WL60

Quality Codes for Packaging Requirements	
<b>P001</b>	<b>Identification</b>
	Identification and Packaging shall be IAW SAE ARP5316 ( <i>latest revision, unless otherwise specified by P.O.</i> ) Aerospace Recommended Practice for Aerospace Elastomeric Seals and Seal Assemblies or equivalent. O-rings shall be packaged individually in hermetically sealed envelopes marked with the following information as a minimum: Material Specification, cure date by quarter and the year (e.g. 3Q90), Part Number, Manufacturer's Name and lot/batch number.
<b>P002</b>	<b>Electrostatic Discharge Protection: (ESD Sensitive Protection)</b>
	Components ordered by this purchase order/contract require electrostatic protection and must be properly packaged and identified. The packaging must conform to MIL-STD 1686 (latest revision) or equivalent as specified for electrostatic sensitive protection with clear markings illustrating electrostatic sensitive equipment.
<b>P004</b>	<b>DOD Marking (as applicable)</b>
	DOD marking required in accordance with MIL-STD-129 ( <i>latest revision, unless otherwise specified by P.O.</i> ) marking (Barcoding, RFID, etc).

<b>P008</b>	<b>Packaging (Commercial)</b>
	<p>Item(s) shall be packaged in accordance with Standard Practice for Commercial Packaging ASTM D3951 (<i>latest revision, unless otherwise specified by P.O.</i>) or equivalent.</p> <p>Each line item must be packaged and marked separately.</p> <p>Shipping containers shall be marked with two inch letters on two sides with: CF6.  <b>** Loose fill materials are prohibited in all packages **</b></p>
<b>P012</b>	<b>Packaging Requirement of Aluminum and Magnesium products:</b>
	<p>Standard Practices for Packaging/Packing of Aluminum and Magnesium Products shall be in accordance with ASTM B 660-96 (<i>latest revision, unless otherwise specified by P.O.</i>) or equivalent.</p>
<b>P013</b>	<b>Packaging Requirement of Steel products</b>
	<p>Standard Practices for Packaging, Marking, and Loading Methods for Steel Products shall be IAW ASTM A 700-99 <i>latest revision, unless otherwise specified by P.O.</i>) or equivalent.</p>
<b>P016</b>	<b>Packaging Requirement</b>
	<p>Item(s) shall be packaged in accordance with MIL-STD-2073-1D, 15 DEC 1999. Standard Practice for Military Packaging.</p>

### Quality Codes for Shelf-Life Requirements

<b>S001</b>	<b>Shelf life: 55% Remaining</b>
	<p>Shelf life requirements for manufacturing/cure date shall be legible on each container and certificate of conformance with a minimum of 55% useful shelf life remaining upon arrival at any World Micro facility.</p>
<b>S004</b>	<b>Shelf life: 95% Remaining</b>
	<p>Shelf life requirements for manufacturing/cure date shall be legible on each container and certificate of conformance with a minimum of useful shelf life remaining upon arrival at any World Micro facility.</p>
<b>S005</b>	<b>Shelf Life: Age Controls</b>
	<p>Shelf life requirements for Age Controls for Hose Containing Age-Sensitive Elastomeric Materials shall be in accordance with SAE AS1933 (latest revision).</p>

## REVISION HISTORY

Rev #	Date	Reason for Revision
2	9/12/12	Revised Quality Codes and Code references. Added Q001.
3	11/28/12	Added Revision History. Corrected Doc Control # from QMS-GD-Q02 to QMS-GD-P03.
4	05/11/15	Updated Website links, added Q002, Updated header.
5	10/29/15	Updated Shelf Life Requirements, removed erroneous reference in Q002