



JRI Quality Clauses (Supplier Flowdowns)

COMMENT ID	SUPPLIER FLOWDOWN QUALITY CLAUSES	REVISION
CAL	<p>CALIBRATION Supplier shall provide a certificate of calibration with delivery.</p> <p>Measuring equipment shall be calibrated or verified, or both, against measurement standards traceable to international or national measurement standards. When no such standards exist, the basis used for calibration or verification shall be retained as documented information.</p> <p>A calibration data sheet is also required to accompany the shipment that describes how to calibrate and / or what the calibration requirements are for the tool.</p>	27-Mar-2018
COC	<p>CERTIFICATE OF CONFORMANCE The supplier shall provide the supplier's Certificate of Conformance with the delivery of the product.</p> <p>Certificate of Conformance shall contain at a minimum JRI purchase order number, JRI part number as shown on the purchase order, and statement of conformance.</p>	22-May-2017
CONF. MIN.	<p>CONFLICT MINERALS RULE All products delivered on this Purchase Order shall state Compliance or Non-Compliance with The Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 and related U.S. Securities and Exchange Commission rules (the "Conflict Minerals Rules") that require public companies such as JRI, Inc. customers to disclose, beginning on May 31, 2014, whether the products they manufacture contain tantalum, tin, tungsten and gold (the "3TG Minerals") that are source from mines in the Democratic Republic of the Congo or adjoining countries.</p>	02-Apr-2018
DPA	<p>DESTRUCTIVE PHYSICAL ANALYSIS (D.P.A.) A destructive physical analysis is required on a five-piece sample for each lot per MIL-STD-1580, Method 2101.</p>	22-May-2017
DPAS (D###)	<p>PRIME CONTRACT PRIORITY RATING (DPAS RATED) THIS PO SUBJECT TO ACCELERATION.</p> <p>This is a rated order certified for National Defense use. The Seller is required to follow all the provisions of the DPAS Regulations <15 CFR 700>. http://www.ecfr.gov DOA1 thru DOA7 / DOC9 / DOC9E / DOS10 / DXA1 / DXA2 / DXA7 / DXC9 / FDCS</p>	27-Mar-2018
EARLY	<p>EARLY DELIVERY PERMITTED Early delivery is encouraged, and Partial Shipments are acceptable.</p>	23-Mar-2018
ESDS	<p>CONTROL OF ELECTROSTATIC DISCHARGE SENSITIVE COMPONENTS All ESD sensitive components shall be handled, packaged, marked, and shipped in accordance with the requirements specified in ANSI/ESD-S20.20, including but not limited to ESD bags and ESD symbols.</p>	23-Nov-2020
FAI	<p>FIRST ARTICLE INSPECTION REQUIREMENT - DELIVERABLE REPORT First Article Inspection (FAI) shall be performed by the Seller in accordance with the requirements of AS9102. When documenting the FAI, the Seller may use the forms contained within AS9102 or their equivalent, so long as the forms contain all the information required by AS9102. Seller shall notify your Buyer Quality Representative within 48 hours of receipt of this contract to coordinate and plan for the JRI First Article Inspection (JRIFAI) to be conducted, as determined appropriate, by the Buyer Quality Representative. Seller will include a copy of the FAI report with the initial shipment of the FAI item. Additionally, when a partial or re-accomplished FAI is performed as required by AS9102, Seller will include a copy of such FAI report with the initial shipment of the FAI item.</p>	27-Mar-2018
FAI & SOURCE INSP	<p>FIRST ARTICLE INSPECTION AND JRI SOURCE INSPECTION First Article Inspection (FAI) or test shall be performed by Seller at Seller's facility in accordance with SAE AS9102, Aerospace First Article Inspection Requirement. Quantitative results shall be documented on a report form identified as "First Article Inspection Report." Notify JRI Source Inspection at least forty-eight (48) hours in advance to schedule JRI SOURCE INSPECTION PRIOR TO DELIVERY. JRI Source Inspection will verify the conformity of the Seller's FAI, as applicable.</p>	27-Mar-2018
FOD PREV	<p>FOD PREVENTION The supplier shall take necessary measures to protect the parts/product during manufacturing, handling, and packaging as to prevent contamination of Foreign Object Debris.</p>	27-Mar-2018
ITAR	<p>INTERNATIONAL TRAFFIC IN ARMS REGULATIONS Title 22 Foreign Relations, Chapter 1 Department of State. By law, buyers must control access to export controlled technical data within their facilities. Therefore, seller shall only assign personnel to perform work in buyer's facilities who are either U.S. citizens or who have been granted permanent resident alien status in the U.S. Seller's personnel will be required to furnish documentary evidence of citizenship or immigration status to buyer's security badge and ID personnel at the time of badge pick-up. Acceptable documentary evidence of citizenship or immigration status includes U.S. passport, certificate of U.S. citizenship, certificate of naturalization, a certified copy of U.S. birth certificate, U.S. alien registration receipt card with photo, unexpired foreign passport with INS-551 stamp or certificate of birth abroad issued by U.S. Department of State.</p>	23-Mar-2018



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MFR COC	<p>MANUFACTURER COC The supplier shall provide a Manufacturer's Certificate of Conformance with the delivery of the product.</p> <p>If the supplier is not the manufacturer, the supplier's Certificate of Conformance shall reference traceability to link to the manufacturer's Certificate of Conformance.</p>	23-May-2017
CHAIN OF CUSTODY	<p>FULL CHAIN OF CUSTODY The supplier shall provide certification documentation with the delivery of the product. This documentation shall include the full chain of custody from the manufacturer to the supplier. All certification documents must contain traceability codes as marked on the material. Traceability codes may include batch number, lot number, or lot date code. Traceability codes may be on the packaging where the manufacturing standard does not require direct marking of the part.</p>	03-Feb-2022
MSDS	<p>MATERIAL SAFETY DATA SHEET The following items are required with the shipment; Certificate of Conformance, Material Safety Data Sheet (MSDS), and Shelf Life of at least 75% at the time of delivery.</p>	05-Apr-2018
NO EARLY	<p>EARLY DELIVERY NOT PERMITTED Items of the purchase order shall not be delivered sooner than the noted delivery date unless otherwise directed by JRI. Items delivered sooner without prior approval from JRI will be rejected, or payment will be deferred to the due date stated on the purchase order.</p>	23-Mar-2018
NO SURPLUS	<p>ONLY NEW PRODUCT WILL BE ACCEPTED, NO SURPLUS. Seller certifies that it is an authorized distributor for the product to be delivered under this Purchase Order and that the product to be delivered is new and unused and was received directly from the original manufacturer. Seller further certifies that it has in its possession a valid copy of its distributorship authorization or franchise and documented evidence of the acceptability of the product. Returned or surplus material from any source is not acceptable for delivery under this Purchase Order.</p>	22-May-2017
REACH	<p>REGISTRATION EVALUATION, AUTHORISATION, AND RESTRICTION OF CHEMICALS All products delivered on this Purchase Order shall state Compliance or Non-Compliance with REACH, which is the European Union regulation on chemicals and their safe use. The Regulation requires that JRI, Inc. notifies its customer if any article contains one or more REACH Substances of Very High Concern (SVHC) in excess of 0.1% by weight.</p>	02-Apr-2018
ROHS	<p>REDUCTION OF HAZARDOUS SUBSTANCE All products delivered on this Purchase Order shall state Compliance or Non-Compliance with European Union Directive 2002/95/EC, which is the Reduction of Hazardous Substance (RoHS) directive on the restriction of the use of certain hazardous substances in electrical and electronics equipment.</p>	02-Apr-2018
SOURCE INSP	<p>JRI SOURCE INSPECTION Supplier shall notify JRI procurement agent at least forty-eight (48) hours in advance to schedule JRI SOURCE INSPECTION PRIOR TO DELIVERY.</p>	27-Mar-2018
Q001	<p>DELIVERY Parts are to be on JRI's dock by dates specified against each line item of JRI's purchase order. Earlier deliveries AND partials are acceptable and encouraged unless otherwise stated on the PO.</p> <p>It is the supplier's responsibility to immediately notify the cognizant buyer when he/she becomes aware that the contractual delivery date on the JRI purchase order will be missed or is missed.</p> <p>When the supplier does not meet the contractual delivery date, it is the supplier's responsibility for shipping parts UPS RED/ FEDEX overnight at the SUPPLIER'S expense.</p>	27-Mar-2018
Q01	<p>DOMESTIC SPECIALTY METALS The Seller agrees that any articles to be delivered under this purchase order will incorporate only specialty metals that have been melted within the United States or in a qualifying country (DFARS 225.872-1).</p> <p>The Seller may reflect compliance to this clause within a proper Certificate of Conformance.</p> <p>The Seller may request relief from this clause for non-domestic specialty metals through the use of an approved Department of Defense exemption (DFARS 225.872-4) in accordance with the provisions of FAR 25.103(a).</p> <p>The seller agrees not to incorporate into any articles to be delivered under this purchase order, specialty metals not melted in the United States, its possessions, Puerto Rico, or a qualifying country. Specialty metals are defined in Defense Federal Acquisition Regulation Supplement (DFARS 252.225-7014 and its Alternate 1). Qualifying countries are listed in DFARS 225.872-1(a). In addition to the DFARS provisions referenced above, all articles containing specialty metals must conform to all applicable contract requirements (e.g., specification(s), statement of work, drawings, etc.).</p>	19-Apr-2018



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Q02	<p>MERCURY CONTROL Supplies furnished shall not contain functional mercury or be contaminated externally by metallic mercury or mercury compounds, functional mercury is that mercury or mercury compound required for proper operation of the items delivered under contract. Contractor agrees to notify JRI, Inc. before shipment if mercury contamination is suspected or if mercury is knowingly induced in the manufacturing process.</p>	22-May-2017
Q03	<p>APPROVED PROCESS SOURCE PER D1-4426 – DELIVERABLE Seller and/or Seller's subcontract process sources shall be an approved processor or shall use approved processors as required by D1-4426, "Approved Process Sources." A list of the approved processors and associated processes are available from Buyer's Procurement Agent or at: http://active.boeing.com/doingbiz/d14426/index.cfm</p> <p>This clause shall be included in Seller's subcontracts for work performed under this purchase contract that involves D1-4426 processes. The Seller's purchasing information shall conform to the purchasing data requirements of D1-4426 Appendix D. These purchasing data requirements can be found at: http://active.boeing.com/doingbiz/d14426/Appendix-D.pdf</p> <p>A Certificate of Conformance and/or equivalent Process Certificate, signed by an authorized agent of the Processor/Seller, shall be included with shipping documentation (packing slip/invoice). The certificate shall include purchase contract number, part number(s), Trace Number (as applicable), Process Specification number (with revision), processing date(s) and name and address of the Processor(s) performing each of the D1-4426 Processes</p>	22-May-2017
Q04	<p>RAW MATERIAL / MANUFACTURED GOODS</p> <p>(A) Raw Material. Seller will mark each individual item and applicable documentation (i.e. test report, shipping report, or certification) to show clear traceability to lot, heat lot, or batch number. Unless otherwise directed by this Purchase Order or the specification, when the size of the item does not permit marking of individual items, Seller will label each reel, package, or box furnished.</p> <p>(B) Manufactured Goods. Seller will mark each item and applicable documentation (i.e. test report, shipping report, or certification) to show clear traceability to the manufacturing lot or batch number. (Note: It is not necessary to provide traceability for the detail parts that make up the end item.) Unless otherwise directed by this Purchase Order or the specification, when the size of the item does not permit marking of individual items, Seller will label each reel, package or box furnished.</p>	22-May-2017
Q05	<p>PROHIBITED MATERIALS The use of pure unalloyed tin is prohibited in the construction and surface finish of space hardware. Parts with tin alloys containing less than 97% tin are acceptable. The use of cadmium or zinc is prohibited in the construction and surface finish of space hardware. Parts containing cadmium alloys or zinc alloys (e.g., brass) must be completely over plated with an approved metal.</p> <p>ANY EXCEPTIONS TO THESE PROHIBITIONS MUST BE APPROVED IN ADVANCE BY JRI, INC. IN WRITING.</p>	22-May-2017
Q06	<p>LEAD It is the policy of JRI, Inc. (JRI) to prohibit the use of paints containing lead in any form. Seller hereby affirms that the product provided in compliance with this purchase order contains no lead.</p> <p>Further JRI prohibits the use of lead hammers and lead "slappers". Seller hereby affirms that individuals under its control are informed of this policy.</p>	22-May-2017
Q07	<p>OZONE DEPLETING PRODUCTS MANUFACTURED WITH OZONE DEPLETING SUBSTANCES: The item(s) to be delivered under this Purchase Order may be manufactured using Class I ozone depleting substances and the following warning statement shall apply to such item(s):</p> <p>WARNING: Manufactured with CFC-11, 12, 13, 111, 112, 113, 114, 115, 211, 212, 213, 214, 215, 216, 217, Halons 1211, 1301, 2402 Carbon Tetrachloride or Methyl Chloroform substances which harm public health and environment by destroying ozone in the upper atmosphere.</p> <p>PRODUCTS CONTAINING OZONE DEPLETING SUBSTANCES: The item(s) to be delivered under this Purchase Order may contain a Class I ozone depleting substance and the following warning statement shall apply to such item(s):</p> <p>WARNING: Contains CFC-11, 12, 13, 111, 112, 113, 114, 115, 211, 212, 213, 214, 215, 216, 217, Halons 1211, 1301, 2402 Carbon Tetrachloride or Methyl Chloroform substances which harm public health and environment by destroying ozone in the upper atmosphere.</p>	22-May-2017



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Q08	<p>HAZARDOUS CHEMICALS LIST Prior to commencing work, Seller shall provide a list of hazardous chemicals, if any, to be used on-site and corresponding Material Safety Data Sheets to the Buyer's safety organization through the appropriate buyer representative.</p>	22-May-2017
Q10	<p>CADMIUM Any product supplied to JRI which contains cadmium must be identified by sending a notification in writing to the JRI procurement representative issuing this purchase order.</p>	22-May-2017
Q11 (R#)	<p>RECORD RETENTION PERIOD The supplier shall retain and store all quality records in accordance to this purchase order and shall be in such a way that they are readily retrievable in facilities that provide a suitable environment to prevent damage, deterioration, loss and degradation to quality. All quality records shall be legible. The JRI standard retention period is calculated from the date of final payment to seven (7) years, unless otherwise longer periods specified by contract or within the body of this PO. <i>RECORD RETENTION PERIODS: R# where the number following the R is the number of years required for the records to be retained by the supplier.</i> <i>7 years / 8 years / 10 years / 15 years / 20 years / 40 years</i></p>	22-May-2017
Q12	<p>RED PLAGUE CONTROL Silver coated wire is highly susceptible to corrosion, known as the "Red Plague." This corrosion occurs in the presence of moisture and oxygen at the exposed copper ends and will propagate, resulting in degradation of mechanical integrity. Therefore, silver-coated copper wire and cable shall be free of corrosion and protected to reduce and control exposure to environmental conditions and contamination that promote the development of cuprous / cupric oxide corrosion (Red Plague) per the following or approved equivalent;</p> <p>-Full lot traceability</p> <p>- LIMITED LIFE ARTICLE - Stock wire and cable with a shelf life exceeding 10 years from manufacturing date shall be segregated and shall not be used on this order.</p> <p>- SHIPPING AND STORAGE Shipped and stored in sealed water-vapor-proof packaging (i.e.- Moisture Barrier Bag, dry pack, etc.), with capped ends, activated desiccant, and an irreversible humidity indicator card (1-HIC). Wire and cable shall not be stored in paper wrapping materials or cardboard boxes. <u>Packaging.</u> MIL-STD-2073-1 E Method 51. Moisture Barrier Bags (MBB) shall meet MIL-PRF-81705, TYPE 1. <u>Capping.</u> Wire and cable ends shall be capped with heat-shrinkable end-caps conforming to SAE-AMS-DTL-23053/4, or dipped in insulating electrical varnish for a length of approximately 2.5 cm (1 in). <u>Desiccant (Activated).</u> MIL-D-3464 Type 2. The minimum quantity of desiccant to be based on the protective package's interior exposed surface area, in accordance with MIL-STD-2073-1E, Method 50, Formula 1. <u>Irreversible Humidity Indicator Card (1-HIC).</u> Irreversible Indication (50-60-70-80-90% RH), or a Combination Irreversible / Reversible Humidity Indicator (50-60-70-80-90% RH) conforming to MIL-1-8835.</p>	03-Aug-2020
Q13	<p>HUMAN SPACEFLIGHT NOTE The following statement applies to the Seller and shall be included in all subcontracts and purchase orders placed by it in support of this contract, without exception as to amount or subcontract level:</p> <p>"FOR HUMAN SPACE FLIGHT, MATERIALS, MANUFACTURING, AND WORKMANSHIP OF THE HIGHEST QUALITY STANDARDS ARE ESSENTIAL TO ASTRONAUT SAFETY. IF YOU ARE UNABLE TO SUPPLY THE DESIRED ITEM WITH A HIGHER QUALITY THAN THAT OF THE ITEMS SPECIFIED OR PROPOSED, YOU ARE REQUESTED TO BRING THIS FACT TO THE IMMEDIATE ATTENTION OF THE PURCHASER."</p>	12-May-2023