

## SECHAN ELECTRONICS, INC. SUPPLIER QUALITY ASSURANCE REQUIREMENTS

The following Quality Assurance requirements become an integral part of the Sechan Order and applicable to both the Supplier and the Supplier's Sub-Tier Suppliers. The applicable quality requirements (QR) are noted on the Sechan Order. **Unless otherwise noted, referenced DOD or industry documentation revision levels shall be that revision level effective on the date of the original Sechan purchase order.** Verbal instruction to deviate from the Sechan order is not authorized. All deviations require a properly authorized change order.

### QR-1 SUPPLIER QUALITY SYSTEM

Suppliers and their Sub-Tier Suppliers shall implement and maintain a quality system that is compliant to either the AS/EN9100 or ANSI/ISO/ASQ 9001 industry standards. Third-party registration is required. The status of the Supplier's quality system shall be reported to Sechan during Supplier quality surveys and survey updates.

### QR-2 SUPPLIER QUALITY SYSTEM

An AS/EN9100 or ANSI/ISO/ASQ 9001 quality system with third party registration is preferred. The minimum supplier quality system requirement is compliance to MIL-I-45208A Amendment 2. The status of the Supplier's quality system shall be reported to Sechan during supplier quality surveys and survey updates.

### QR-3 GENERAL PURCHASE ORDER C OF C

Each shipment shall be accompanied by one legible copy of a signed Supplier Certificate of Conformance (C of C) which certifies that all requirements have been complied with against the order. The C of C shall contain the following as a minimum:

1. Sechan Purchase Order number.
2. Sechan part number being provided (must match P/N ordered, not from "description" field if a part number referenced therein).
3. Sechan part number revision being provided (if applicable).
4. Quantity shipped.

**IF QR-25 or QR-25.2** are included in the terms of this agreement, all OEM/ OCM traceability documents shall be delivered to Buyer with the product to support customer First Article Inspection requirements.

Material must be NEW (NE) as defined in FAR 52.211-5.

### QR-3.1 MERCURY CONTAMINATION EXCLUSION NOTIFICATION

Materials delivered to Sechan under this order that contain elemental mercury, mercury compounds, or were manufactured using mercury bearing equipment shall be noted by either (a) label stating such on the component packaging or (b) statement prominently printed on the shipping documentation. This requirement applies to each affected part number date code or serial in each delivery lot.

### QR-3.2 QUALITY RECORD RETENTION (7 YEARS)

The Supplier shall, at a minimum, maintain records in accordance with FAR 4.7, Contractor Records Retention. Deliverable material acceptance records shall be maintained for a period of not less than seven (7) years. All records subject to this requirement will be made available to Sechan, upon request, within 48 hours.

### QR-3.2.1 QUALITY RECORD RETENTION (10 YEARS)

The Supplier shall, at a minimum, maintain records in accordance with FAR 4.7, Contractor Records Retention. Deliverable material acceptance records shall be maintained for a period of not less than ten (10) years. All records subject to this requirement will be made available to Sechan, upon request, within 48 hours.

### QR-3.3 RAW MATERIAL CERTIFICATION

All raw materials (including those provided by Sub-Tier Suppliers) required in the manufacture of the Sechan ordered items require a conformance certification. This certification set shall accompany product shipment and shall include (a) material specification, (b) description, (c) material alloy and (d) condition. Mill certifications for metallic materials provided shall include (a) physical properties, (b) chemical analysis and (c) lot numbers.

### QR-3.4 SPECIAL PROCESS APPROVAL AND CERTIFICATION

Suppliers and Sub-Tier Suppliers performing special processes shall be identified to Sechan and approved by an accredited third-party organization PRIOR to performing these processes on deliverable material. When used, the process provider shall provide a Compliance Certification to the applicable process specification. An example of third party process approval would be NADCAP registration.

### QR-3.5 NORTHROP GRUMMAN APPROVED SPECIAL PROCESSOR LIST (ASPL) AND PROVIDER CERTIFICATION

Suppliers and Sub-Tier Suppliers shall certify that drawing specified special processes performed on delivered material are performed by ASPL providers listed on the NGC Oasis website at <https://oasis-aspl.myngc.com/>. The process provider shall provide a Compliance Certification to the applicable process specification.

### QR-3.6 ALUMINUM CONDUCTIVITY CERTIFICATION

Aluminum fabricated material shall be 100% conductivity inspected after fabrication. Measurements shall be taken such that the entire part can be validated as being compliant to the applicable requirements of AMS2658 and QOS-0021. When used, the process provider shall provide a Compliance Certification to the applicable process specification.

### QR-3.7 BOEING APPROVED PROCESS SOURCE (APS) PROVIDER CERTIFICATION

Suppliers and Sub-Tier Suppliers shall certify that drawing specified special processes performed on delivered material were performed by APS providers listed on the Boeing website at <http://www.boeingsuppliers.com> (then choose 'Supplier Quality', then 'Approved Process Sources D1-4426'). The process provider shall provide a

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Compliance Certification to the applicable process specification.

### QR-3.8 DRAWINGS: C OF C WITH OCM/OEM TRACEABILITY

Drawings that contain custom items combined with Commercial Off the Shelf (COTS) and/or Military Specification (MS) items shall be accompanied by one legible copy of:

- A) A signed Supplier Certificate of Conformance (C of C) which certifies that all requirements have been complied with against the order. The C of C shall contain the following as a minimum:
  - 1. Sechan Purchase Order number.
  - 2. Sechan part number being provided (must match P/N ordered, not from "description" field if a part number referenced therein).
  - 3. Sechan part number revision being provided (if applicable).
  - 4. Quantity shipped.
- B) For each COTS and/or MS part used on the assembly, a copy of original OEM/OCM certification (traceable to the original manufacturing run or information transferred from the OCM/OEM) provided traceability documents onto the Supplier's traceability format.
- C) **IF QR-25 or QR-25.2** are included in the terms of this agreement, all OEM/ OCM traceability documents shall be delivered to Buyer with the product to support customer First Article Inspection requirements.

Material must be NEW (NE) as defined in FAR 52.211-5.

In order to ensure the authenticity of the supplied material, a Supplier shall have a counterfeit avoidance program that meets the requirements of AS5553, DFARS 252.246-7007, and DFARS 252.246-7008. This requirement shall be flowed by the Seller to all authorized subcontractors.

### QR-3.9 PIECE PART OEM/OCM/FRANCHISED DISTRIBUTOR

Each shipment shall be accompanied by one legible copy of a signed Supplier Certificate of Conformance (C of C) which certifies that all requirements have been complied with against the order. The C of C shall contain the following as a minimum:

- 1. Sechan Purchase Order number.
- 2. Sechan part number being provided (must match P/N ordered, not from "description" field if a part number referenced therein).
- 3. Sechan part number revision being provided (if applicable).
- 4. Quantity shipped.
- 5. Copy of original OEM/OCM certification traceable to the original manufacturing run (e.g. OEM/OCM's name and order number, lot numbers, date codes,

date of manufacture, etc.). **If a Franchised Distributor**, OCM/OEM certificates shall be made available, upon request, within 48 hours. Information from the OCM/OEM provided traceability documents shall be transferred onto the Supplier's C of C.

**IF QR-25 or QR-25.2** are included in the terms of this agreement, all OEM/OCM traceability documents shall be delivered to Buyer with the product to support customer First Article Inspection requirements.

Material must be NEW (NE) as defined in FAR 52.211-5.

In order to ensure the authenticity of the supplied material, a Supplier shall have a counterfeit avoidance program that meets the requirements of AS5553, DFARS 252.246-7007, and DFARS 252.246-7008. This requirement shall be flowed by the Seller to all authorized subcontractors.

### QR-3.10 RAYTHEON APPROVED SPECIAL PROCESSOR LIST (ASPL) AND PROVIDER CERTIFICATION

Suppliers and Sub-Tier Suppliers shall certify that drawing specified special processes performed on delivered material are performed by ASPL providers listed on the Raytheon's Q-Note Website, Q-Note SL located on website at <http://gnotes.raytheon.com/>. The process provider shall provide a Compliance Certification to the applicable process specification. Suppliers and Sub-Tier Suppliers shall meet all other special requirements as defined in Raytheon Quality Note SL.

### QR-3.11 BAE SYSTEMS APPROVED SPECIAL PROCESSOR (ASP) SUPPLIERS AND PROVIDER C OF C

Per BAE Systems Quality Assurance Code 102, Suppliers and Sub-Tier Suppliers shall certify that drawing-specified special process performed on delivered material are performed by BAE Systems ASP Suppliers listed on the BAE Systems Supplier Center website located at <https://www.baesystems.com/en-us/our-company/inc-businesses/electronic-systems/supplier-center/supplier-quality-assurance>. The process provider shall provide a Compliance Certification to the applicable process specification with each shipment. Additional documentation of compliance to BAE Systems Quality Assurance Code 102 shall be provided at time of shipment. Quality Assurance Code Requirements document can be located on BAE Systems Supplier Quality Assurance website at <https://www.baesystems.com/en-us/our-company/inc-businesses/electronic-systems/supplier-center/supplier-quality-assurance>.

### QR-4 SUPPLIER'S CORRECTIVE ACTION SYSTEM

Supplier shall provide a documented corrective action statement for returned discrepant items which state whether items were reworked or replaced, and if reworked, what rework was performed. Additionally, the Supplier shall respond in a timely manner to each Sechan issued Supplier Corrective Action Request providing root-cause and corrective action statements.

**QR-5 SUPPLIER CONFIGURATION CONTROL**  
The Supplier may not make changes to the technical documentation, specifications or drawings referenced by the Sechan Order without prior approval by Sechan. Proposed change definition shall be submitted to the Sechan Buyer. The shipment of new configuration materials prior to Sechan approval of the change is not permitted.

**QR-6 SECHAN VISITATION AUTHORITY**  
Sechan reserves the right to perform visits, inspection, and surveillance at the Supplier's facility to evaluate procurement compliance and/or corrective action implementation. The Supplier shall make the facility and any relevant data available. Sechan also reserves the right to invite its customer on any visit for similar situations.

**QR-7 NONCONFORMING MATERIAL DISPOSITION**  
The Supplier shall have a documented process to identify and control Nonconforming Material. Supplier shipment of Nonconforming Material without specific, prior approval by Sechan is not permitted. A request for waiver shall be submitted to the Sechan Buyer documenting the material condition. Previous disposition shall not be considered as a precedent for continued delivery of Nonconforming Material. Re-submittal of Nonconforming Material shall be identified either on the material or the shipping document(s) with reference to Sechan's rejection document and evidence provided that the causes for rejection have been corrected.

As part of the Supplier's Nonconforming Material process, when the Supplier determines that Nonconforming Material has been delivered to Sechan, the Supplier shall notify Sechan of the escape (NOE) within five (5) business days of detection.

The Notice of Escape (NOE) must include, at a minimum:

1. Purchase Order number,
2. A description of the nonconformance,
3. Affected part numbers, revisions, and quantities,
4. Delivery dates and lots/serial numbers (if applicable),
5. Immediate containment actions,
6. Proposed corrective actions and timeline.

**QR-8 NOT USED**

**QR-9 NOT USED**

**QR-10 OSHA SAFETY DATA SHEET (SDS)**  
Materials delivered to Sechan under this order shall include an SDS (paper copy) with the first delivery and with any subsequent revision of the SDS. Failure to provide this data can result in delayed material acceptance or rejection.

**QR-11 GSI, GOVERNMENT COORDINATED**  
Government inspection is required prior to product shipment from your plant. Upon receipt of this order, promptly notify the Government Representative who normally services your plant so that appropriate planning for Government inspection can be accomplished. In the event the representative or office cannot be located, the Supplier shall immediately notify the Sechan Buyer.

**QR-11.1 GSI, SUPPLIER COORDINATED**  
U.S. Government inspection is required prior to shipment from your plant. On receipt of this order, promptly furnish a copy to the Government Representative who normally services your plant, or if none, to the nearest Army, Navy, Air Force, or Defense Supply Agency inspection office. In the event the representative or office is undetermined or cannot be located, the Supplier should immediately notify the Sechan Buyer.

**QR-12 GOVERNMENT SOURCE SURVEILLANCE**  
U.S. Government process surveillance is required during the manufacture of this product. Upon receipt of this order, promptly notify the Government representative who normally services this facility or the CMO so that planning for surveillance activities can be initiated. Process surveillance methods shall be established and conducted at the discretion of the responsible Government Representative. In the event the Government Representative is undetermined or cannot be located, the Supplier should immediately notify the Sechan Buyer.

**QR-13 ARTWORK PROOF CONCURRENCE**  
The Supplier shall prepare and submit an artwork proof produced under this order, which will become the basis for production material acceptance. A formal approval from Sechan is required before production material may be received.

**QR-14 SECHAN SOURCE INSPECTION**  
All items furnished under this order shall be verified and/or inspected by Sechan at the Supplier's plant prior to shipment. Notify the Sechan Quality Assurance Office ten (10) working days prior to shipment so that appropriate scheduling can be accomplished. When justified, Sechan may choose to waive this source inspection requirement on a lot to lot basis.

**QR-15 ACCEPTANCE TEST REPORTS**  
Supplier's Acceptance Test Data (Supplier format acceptable) identifiable to the material or items supplied, must accompany each shipment. Data shall provide objective evidence of compliance to applicable procurement documents. Failure to provide this data will result in Receiving Inspection processing delay.

**QR-16 COMPONENT SOLDERABILITY**  
The Supplier shall provide material which meets component lead solderability requirements of J-STD-002 Test A, B or C, as applicable and as amended by MIL-STD-202, Method 208. Defective material will be reworked or returned at Supplier expense.

**QR-16.1 COMPONENT LEAD-FREE LEAD FINISH**

Materials delivered to Sechan under this order that contain lead-free lead finishes shall be noted by either (a) label stating such on the component packaging or (b) statement prominently printed on the shipping documentation. This requirement applies to each affected part number date code or serial in each material delivery.

**QR-16.2 J-STD-004 LOW ACTIVITY FLUX**

Liquid flux delivered to Sechan under this order shall be in accordance with J-STD-004, low activity, Type L0 or L1.

**QR-16.3 J-STD-004 ACTIVE FLUX**

Liquid flux delivered to Sechan under this order shall be in accordance with J-STD-004, Types M or H.

**QR-16.4 J-STD-006 SOLDER ALLOY, LOW FLUX ACTIVITY**

Electronic grade solder alloys delivered to Sechan under this order shall contain low activity fluxes in accordance with J-STD-006, Type ORL0 or ORL1.

**QR-16.5 J-STD-006 SOLDER ALLOY, MODERATE FLUX ACTIVITY**

Electronic grade solder alloys delivered to Sechan under this order shall contain moderate activity fluxes in accordance with J-STD-006, Type ORM0 or ORM1.

**QR-16.6 J-STD-006 SOLDER ALLOY, BAR STOCK**

Electronic grade solder alloy delivered to Sechan under this order shall be SN63PB37SB.4A as defined by J-STD-006.

**QR-16.7 J-STD-006 SOLDER ALLOY, HIGH FLUX ACTIVITY**

Electronic grade solder alloys delivered to Sechan under this order shall contain high activity fluxes in accordance with J-STD-006, Type ORH0 or ORH1.

**QR-17 RESISTANCE TO SOLVENTS**

When an item is required to be marked on the part, the Supplier shall mark material in such a manner that the markings will remain legible and the product unaffected when subjected to later fabrication processes. The methods of MIL-STD-202, Method 215 provide for guidelines of types of cleaning materials marking may be subjected to that the Supplier may validate their marking method/process meets this clause.

**QR-18 PHYSICAL AND CHEMICAL ANALYSIS REPORT**

Material delivered against this order shall be accompanied by a detailed Chemical Analysis Report or Physical Test Analysis Report. Accept/reject criteria shall be based on commonly accepted industry standards unless otherwise specified on the face of the Sechan order.

**QR-19 LIMITED SHELF-LIFE MATERIALS**

Materials or articles having a definite characteristic of quality degradation with age shall be marked in a manner to indicate the data at which the critical life was initiated and when the useful life will be expended. At least seventy-five percent (75%) of shelf life for the batch shall be remaining upon receipt at Sechan. The Supplier's batch or lot number shall be provided with each shipment.

**QR-20 SUPPLIER DATA SHEETS**

Supplier data sheets or catalog information, sufficiently definitive to provide proper identification of each order line item shall accompany the initial shipments against this order. Failure to provide this information can result in Receiving Inspection processing delays.

**QR-21 MICROCIRCUIT, HYBRID AND SEMICONDUCTOR PACKAGING**

Consistent with accepted industry practice, electronic parts or assemblies that are electrostatic discharge sensitive (ESDS) shall be suitably protected from static fields and discharges during all Supplier manufacturing processes, including item packaging and shipment. ESDS parts or assemblies not suitably protected when inspected by Sechan shall be subject to rejection and return for replacement.

Microcircuits, including diodes, transistors, flat-packs, IC's, hybrids, etc., shall be packaged so as to maintain lead integrity; leads shall be free of twists or bends with component polarity observed.

**QR-22 STATISTICAL PROCESS CONTROL (SPC)**

Material or product delivered to satisfy this order is subject to statistical process control techniques. The Supplier shall maintain a SPC program that is suitable for the purpose and for the product or material being ordered. This program shall, as a minimum, designate and control key characteristics, specific features or processes as mutually agreed between Buyer and Seller. Copies of data, run charts, etc. shall be provided by the Seller with each deliverable production lot.

**QR-23 MEASURING AND TEST EQUIPMENT CALIBRATION**

The Supplier shall maintain a measuring and test equipment calibration system in conformance with the requirements of ISO 10012-1, ISO 17025, ANSI Z540-1, and/or ANSI Z540.3. Traceability to NIST or equivalent measurement standards is required on certifications or data sheets provided.

**QR-24 MATERIAL PACKAGING**

Materials delivered to Sechan under this order shall be packaged consistent with accepted industry standards. Consideration shall be given to material ESDS, fragility, weight, and size in determining packaging and shipping methods. Sechan accepts no liability for material damaged by improper packaging or shipment.

**QR-25 FIRST ARTICLE INSPECTION REPORT**

A First Article dimensional (variables data) inspection report for the first Supplier – part number – revision combination is a requirement of this order if this combination has not been previously delivered to Sechan or a change was made in facility or process occurred since last delivered to Sechan or if the part number has not been delivered to Sechan in the last 24 months. First article data shall be submitted to Sechan along with the Supplier's First Article Inspection Report (Supplier format acceptable). This report will include drawing notes and dimensional features with inspected item(s) tagged.

Material produced prior to Sechan approval of the First Article shall be at the Supplier's risk. Failure to provide this inspection report will result in Receiving Inspection processing delay.

This report shall include delivery of OCM/OEM material certifications for all detail parts identified in the product bill of material.

Supplier shall document and deliver a delta first article inspection for any changes provided by Sechan after the Supplier has performed the First Article Inspection.

This report shall include delivery of OCM/OEM material certifications for all detail parts identified in the product bill of material.

Digital Product Definition Requirements: For minimally dimensioned drawings in which the balance of features are defined in a 3D model file, the First Article Inspection Report must reflect compliance to the drawing as well as the model. The creation of supplemental "drawing sheets" that are used to identify and subsequently convey compliance to features contained in the model is acceptable. Alternately, if inspection software capability allows, graphical printouts with data may be attached to the First Article Inspection Report.

#### **QR-25.2 AS9102 FIRST ARTICLE INSPECTION (FAI)**

The Supplier shall provide AS9102 First Article Inspection (FAI) data which documents drawing notes and dimensional data (variables) for each deliverable part number. This is required for each new part number and part numbers not delivered to Sechan in the last 24 months. The data shall be formatted using SAE AS9102 forms located at [IAQG Forms Management – IAQG](#) and properly authorized by the Supplier. This report shall include delivery of OCM/OEM material certifications for all detail parts identified in the product bill of material.

Supplier shall perform a delta FAI for any changes provided by Sechan after the Supplier has performed FAI against the originally provided configuration.

This report shall include delivery of OCM/OEM material certifications for all detail parts identified in the product bill of material.

Digital Product Definition Requirements: For minimally dimensioned drawings in which the balance of features are defined in a 3D model file, the First Article Inspection Report must reflect compliance to the drawing as well as the model. (Reference AS9102, paragraphs 3.8 and 4.3 for guidance.) The creation of supplemental "drawing sheets" that are used to identify and subsequently convey compliance to features contained in the model on AS9102 Form 3 is acceptable. Alternately, if inspection software capability allows, graphical printouts with data may be attached to the First Article Inspection Report and referenced from the last characteristic of AS9102 Form 3.

#### **QR-26 INSPECTION DATA**

Supplier's inspection acceptance data (Supplier format acceptable), identifiable to the material or items supplied, must accompany each shipment. Features inspection and reported shall reflect sound inspection practices, i.e. emphasis on major features, basic dimensions, datums and secondary operations, which are appropriate for the item supplied. Failure to provide this acceptance inspection data can result in Sechan Receiving Inspection processing delay.

#### **QR-27 SERIALIZATION**

The Supplier shall identify each component, subassembly, or assembly by serial number in accordance with the Sechan Order, drawings, and/or specification requirements. Unless otherwise specified, it is the Supplier's responsibility to assign serial numbers. The Supplier's serialization system shall preclude the possibility of serial number duplication.

#### **QR-28 IDENTIFICATION**

The Supplier shall identify all items in accordance with MIL-STD-130.

#### **QR-28.1 AS9102 MATERIAL TRACEABILITY**

In addition to the QR-28 marking requirements, delivered material shall be marked with the Supplier's (manufacturer) CAGE code and a material traceability tag such as a date code, serial or batch lot number.

#### **QR-29 ISO 9001 QUALITY SYSTEM**

The Supplier shall implement and maintain a quality system that is in compliance with ANSI/ISO/ASQ 9001. Third party quality system registration is preferred. The status of the Supplier's quality system shall be reported to Sechan during Supplier quality surveys and survey updates.

#### **QR-30 CALIBRATION SERVICES**

The Supplier shall maintain a measuring and test equipment calibration system in conformance with the requirements of ISO 10012-1 and ANSI Z540-1. Calibration procedures shall be maintained which provide sufficient information for development and submission to Sechan of a calibration report which, as a minimum, shall include the following information:

- a. Date(s) of calibration.
- b. Specification(s) to which calibration was performed.
- c. Identification or serial number of the item to which the report pertains.
- d. Evidence of calibration traceability to National Institute of Standards and Technology (NIST).
- e. Name of the agency or company performing the calibration(s), if other than the Supplier.
- f. Results of calibration(s) performed with statement of uncertainties (tolerances) or accuracy of standards used as well as data for any out-of-tolerance conditions found.

**QR-31 TUBE, TRAY OR TAPE AND REEL REQUIREMENTS FOR AUTOMATIC COMPONENT HANDLING**

Components supplied shall be provided in tubes or trays for components, all parts shall be oriented in the same position. When the Supplier provides components in a tape and reel configuration, they shall be supplied in accordance with all requirements of the applicable EIA standard and this quality requirement:

- a. Axial leaded components per ANSI/EIA-296 using reel configuration only. Inside tape spacing (feature B) shall be between 52.4mm and 63.5mm. Polarity, if required, shall be clearly marked.
- b. Surface mount components per ANSI/EIA-481, 481-1 or 481-2, as appropriate for the component and tape combination. Embossed carriers are required.
- c. Radial components per ANSI/EIA-468 using reel configuration and 12.7mm component pitch only. The Polarized component positive lead shall be clearly marked and shall be the first lead off the reel.

Rejected material will be returned for rework at Supplier expense.

**QR-32 PRINTED BOARD FABRICATION**

The Supplier shall provide material, which is manufactured, tested and acceptable to the requirements of IPC-A-600 Class 3, and fabrication requirements invoked by Sechan supplement, 20-01-08.

Sechan supplement, 20-01-08, is available on the Sechan website, [www.sechan.com](http://www.sechan.com) or on request to the Sechan Buyer.

**QR-33 UID MARKING**

When specified by the drawing or Sechan order, the Supplier shall mark the item with Unique Identification (UID) in accordance with MIL-STD-130 and shall validate that the UID marking meets the readability requirements of MIL-STD-130 Machine Readable Information (MRI). Objective evidence that the marking meets the MRI requirement shall be kept on file by the Supplier for a minimum of three years from completion of the Sechan order. The Supplier shall make this objective evidence available upon request by the Sechan Buyer.

**QR-34 NOT USED**

**QR-35 DOMESTIC SPECIALTY METALS PREFERENCE**

If the delivered product contains eligible material as defined by DFARS 252.225-7009, the materials delivered under this order shall comply with all requirements of DFARS 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals.

This legislation requires a preference for specialty metals (certain steel alloys; certain alloys containing nickel, iron-nickel and cobalt; titanium alloys; zirconium base alloys) processed domestically or in a qualifying country.

When QR-35 Domestic Specialty Metals Preference is

invoked, a specific statement certifying compliance of the listed items to DFARS 252.225-7009 shall be included with the following information as a minimum:

- 1. Parts number(s), as specified in this purchase order,
- 2. Purchase order number(s),
- 3. Country of Origin.

Additionally, the material certificate of analysis shall be made available to Sechan upon request. Alternatively, the material certificate of analysis may be included in the shipment.

**QR-36 PROCESS SENSITIVITY LEVEL: J-STD-075**

Non-semiconductor components (i.e. capacitors, resistors, relays, crystals, fuses, etc.) shall be classified and labeled with a Process Sensitivity Level (PSL) in accordance with J-STD-075. Failure to identify the components per J-STD-075 may result in the rejection and return of material for classification and labeling.

**QR-37 BATTERIES**

Batteries shall clearly state the date of shelf life expiration date, preferably on the battery or, if size prohibits marking, on the packaging. Seventy-five percent (75%) of the shelf life shall remain upon delivery to Sechan. Batteries with special maintenance requirements, such as recharging requirements, shall clearly be identified with the shipment. Any hazardous handling or transportation limitations shall be clearly documented with the shipment.

**QR-38 FFATA**

If this order meets the following criteria, the subcontractor shall comply with FAR 52.204-10, Federal Funding Accountability and Transparency Act (FFATA):

- a) Order is greater than \$25,000.00
- b) Modifications to an order results in a total order that exceeds \$25,000.00.

The Supplier is solely responsible for submitting the required data directly to the Government at <http://www.fsr.gov> in accordance with the FAR.

**QR-39 FOD PREVENTION**

The Supplier shall maintain a Foreign Object Debris/Damage (FOD) prevention program using the guidelines of the National Aerospace Standard NAS-412. The program shall use NAS-412 only to the extent and detail that is pertinent to the type of item being manufactured and delivered to Sechan. Certification, qualification NOR any other assessment program is NOT a requirement of this clause. Sechan reserves the right to review the Supplier's program/practices as deemed necessary to ensure NAS412 intent is met. The Supplier shall flow this requirement to their suppliers as applicable.

**QR-40 NO BETTER THAN PARTS**

The Supplier shall NOT provide a part that is considered better than the part required by the Sechan PO without written permission. This includes but is not limited to: failure rate, PPM, tolerance. The Supplier shall provide the exact part ordered. If the Supplier cannot meet the PO part number, written authorization is required prior to shipment.

Component speed and lead finish are not considered better than parts and are not permitted.

**QR-41 BOEING CUSTOMER FLOWDOWNS**

**QR-41.1 BOEING SUPPLEMENTAL QUALITY REQUIREMENTS, Q011S**

Per Boeing BDS Common Terms and Conditions, Section Q, Quality Clause Q011S, the Supplier shall meet the requirements of the Supplemental Quality Requirements, as defined on the Boeing website, located at <https://www.boeingsuppliers.com/become/terms/clause-index/quality-clauses>.