

NOTE: The following codes are applicable to purchase orders issued to “**Approved**” suppliers of Klune Industries, Inc., herein after called "Klune". The supplier shall be responsible for full compliance with each code assigned within the purchase order by Klune Quality Engineering. Should the supplier have any questions regarding compliance to the assigned codes, the supplier shall contact the Klune buyer for clarification.

CODE REQUIREMENT

Q1 Deleted

Q2 GOVERNMENT SOURCE INSPECTION -

Government Inspection is required prior to shipment from supplier's facility. Upon receipt of this order, promptly notify the Government Representative who normally services supplier's plant so that appropriate planning for government inspection can be accomplished. In the event the Government office cannot be located, supplier shall notify the buyer at Klune for instructions. The Government Representative who services the supplier's plant shall be notified at least forty-eight (48) hours in advance of the time the article(s) are ready for inspection and/or tests unless otherwise specified.

Q3 GOVERNMENT RIGHT OF ENTRY -

All work on this purchase order is subject to inspection and/or test by the Government at all times and places (including the complete performance period) and, in any event, prior to shipment.

Q4 Deleted

Q5A INSPECTION SYSTEM REQUIREMENTS -

Suppliers shall have an Inspection System conforming to the minimum requirements of ISO 9001 (latest revision) and/or AS 9100 (latest revision). All provisions therein apply to this purchase order. Substantiating information shall be made available to the Government, Customer and/or Klune upon request.

Q5B QUALITY ASSURANCE REQUIREMENTS -

Suppliers shall have a Quality Management System conforming to the minimum requirements of ISO 9001 (latest revision) and/or AS 9100 (latest revision). All provisions therein apply to this purchase order. Substantiating information shall be made available to the Government, Customer and/or Klune upon request.

Q6A SPC -

Statistical Process Control techniques shall be employed on key, critical, or controlling characteristics as specified within the drawing(s) and/or within this purchase order.

Q6A1 SPC PLANS -

The supplier shall submit an acceptable method of determining Cpk for Klune's approval. The supplier shall be responsible for submitting Cpk values for each characteristic charted with each lot of parts shipped to Klune.

Q6B SPC PROGRAM APPROVAL -

Klune's approval of the supplier's SPC program is required prior to First Article of Klune parts. Supplier shall submit SPC procedures, including methods of selecting Key or Controlling Characteristics and control charts used.

Q6C INSPECTION SAMPLING PLAN -

Sampling procedures employed by the supplier shall be in compliance with ANSI/ASQC Z1.9, or ANSI/ASQC Z1.4 (latest revision or as specified by contract or drawing). NOTE: Sampling is not allowed on Boeing programs or parts, unless the supplier is Boeing approved to D1-8007.

Q7 CALIBRATION SYSTEM -

The supplier shall maintain a calibration system that is in compliance with ANSI/NCSL Z 540-3 or ISO 17025 (latest revision). Calibration records shall show traceability of the standards used for calibration to the National Institute of Standards and Technology (NIST) or other nationally recognized calibration standards.

Q8 PART / LOT TRACEABILITY -

The individual parts or parts in the lot shall be identified with specific, assigned serial numbers and/or control numbers traceable back to the material heat lot. All certifications, manufacturing, and quality documents relating to parts supplied or manufactured on this order shall be retained and be available for inspection by Klune or their customer for a minimum of (7) seven years after completion of this purchase order unless otherwise specified. Identify in accordance with drawing, specification, or purchase order requirements.

Q8A INSPECTION DATA -

Verifiable, quantitative inspection data shall be furnished with each lot of parts furnished for this purchase order. Actual dimensions for each characteristic, on a minimum of the sample size of the parts, per shipment, shall be part of the inspection data. The inspection data shall also indicate the total number of parts accepted and/or rejected for each characteristic. The inspection data shall be signed and/or stamped by a member of the Quality Assurance group at the supplier facility.

Q8B LOT SERIALIZATION -

Parts shall be lot serialized. Supplier's processing records shall be maintained at all times by the lot serial number. The serial numbers for each lot shall be reflected on the applicable certification(s).

Q8C PART / LOT TRACEABILITY – DELETED

Verbiage removed. See Q8 for requirements.

Q8D MECHANICAL/ELECTRICAL TESTING AND ASSOCIATED DATA -

Each part/assembly shall have a unique serial number assigned to it, with verifiable test results indicating the ability to meet designed functional requirements. This test data shall be furnished with each part/assembly. This test data shall be signed and/or stamped by a Quality representative at the supplier facility.

Q9 FIRST ARTICLE INSPECTION -

First Article Inspection (FAI) required per AS9102 for the first part of the initial production run.

A new or delta First Article will be required in the following cases:

1. Changes to facility / processing equipment,
2. Changes to procedures, methods, materials, planning, or sequencing of manufacturing steps,
3. Change in manufacturing site location,
4. Change in outside source for processing,
5. Lapse in production of one (1) year or more,
6. Configuration / drawing changes.

For parts requiring non-destructive testing, the technique sheet(s) shall be submitted (with associated radiographic film, if applicable) with the first article package for review / approval unless otherwise specified.

NOTE: For Lockheed Martin Aeronautics related products, all requirements of Quality Clause Q2A apply (see http://www.lockheedmartin.com/us/aeronautics/materialmanagement/scm-quality/scm-quality_clauses.html).

Q10 CERTIFICATION OF COMPLIANCE -

A Certification of Compliance (C of C) signed by a supplier's Quality representative shall accompany each lot of parts shipped to Klune. This C of C is an indication that all requirements of the associated purchase order, drawing(s), and specification(s) have been met. The C of C shall contain, as a minimum:

- Name & address of supplier.
- Description of part.
- Part number and revision.
- Quantity of acceptable parts.
- Klune's PO number.
- Shipper number, if applicable.
- Serial/Lot number, if applicable.
- Shop Order number, referenced on the P.O, if applicable.
- Conformance statement.

NOTE 1: Q13A Applies: MSDS Sheets shall be included when applicable.

NOTE 2: For Lockheed Martin Aeronautics related products, all requirements of Quality Appendix QJ apply (see http://www.lockheedmartin.com/us/aeronautics/materialmanagement/scm-quality/scm-quality_qualityappendices.html).

Q10A KLUNE SUPPLIED CERTIFICATE of CONFORMANCE -

A Klune supplied C of C has been attached to this purchase order. The supplier is responsible for providing the necessary information required and sending a copy with each shipment of parts to Klune. This document shall be signed by a Quality representative as an indication that all the requirements associated with this purchase order, drawing(s), and specification(s) have been met.

Q11 CERTIFIED PHYSICAL & CHEMICAL TEST REPORTS -

Certified physical and chemical test reports, as well as hardness results if applicable, are required for each shipment of material on this purchase order and shall be traceable to each heat lot involved. The documentation shall be stamped or signed by a member of the supplier's Quality Assurance group.

Q11A Deleted

Q11B SPECIAL PROCESS CERTIFICATION -

Any special processing performed on the material/parts associated with this purchase order shall be individually certified. Certification shall include related data such as thickness, temperatures, and hardness results. These processes shall include but are not limited to heat treat, plating, paint, welding, NDT, etc.

Q11C FUNCTIONAL TEST -

Each completed part/assembly delivered on this purchase order shall be functionally and/or electrically tested, as applicable. Each item tested shall be identified with, as a minimum, part number, revision, and a unique serial number. The test data, which contains the actual results of each parameter tested, will also have the part number, revision, and associated serial number. Each data packet shall be signed and dated by the Test Engineer doing the testing, as certification that the unit in question has been functionally tested and has met all of the requirements of the functional test. A copy of this data packet shall accompany each item being delivered.

Q12 CURE DATES -

All parts/material delivered on this purchase order shall be coded with an applicable cure date and accompanied by cure date certification. The cure date certification shall specify the applicable military, prime contractor, and or Klune specification number.

Q13 EXPIRATION DATE -

The material delivered on this purchase shall be identified with Klune's purchase order number, date of manufacture, expiration date and applicable military, prime contractor, and/or Klune specification number.

Q13A MATERIAL SAFETY DATA SHEET -

Material Safety Data Sheets are required with each item delivered on this purchase order.

Q14 CATALOG INFORMATION -

Complete catalog and/or drawing data/information for all: (a) electrical, (b) dimensional, (c) physical, and (d) chemical properties, as applicable, shall be furnished with each lot shipped to Klune.

Q15A SOLDERING CERTIFICATION -

All soldering performed as a result of this purchase order shall be in compliance with the process and personnel certification requirements of Joint Industrial Standard J-STD-001, class 3 (latest revision).

Q15B WELDING CERTIFICATION -

All welding required for this purchase order shall be in compliance with the process requirements and personnel certification requirements of MIL-STD-1595, SAE AMS-STD-1595, OR AWS D17.1 (latest revision) or the welding specification(s) identified on this purchase order.

Q16 ESD PROGRAM -

Supplier shall conform to the requirements of MIL-STD-1686 (latest revision), Electrostatic Discharge Program (ESD). Certification of compliance shall accompany each shipment.

Q17 KLUNE SOURCE INSPECTION -

Klune source inspection at supplier's facility is required prior to shipment of any parts/material on this purchase order. Supplier shall notify the Klune buyer of the required date for Klune source inspection. Adequate time for arrangement shall be allowed.

Q18 PRESERVATION/PACKAGING -

Parts and/or material furnished on this purchase order shall be preserved, packed, and packaged in a "Best Commercial" manner to prevent deterioration or damage during shipment. Specific requirements deviating from "Best Commercial" method shall be defined within the purchase

order. Bare part to part contact is **not allowed** under any circumstances, except for hardware, bolts, screws, nuts, washers, etc.

Q19 Deleted

Q20 Deleted

Q21 RIGHT OF ENTRY -

All processing performed against this purchase order may be subject to review by Klune, Klune's customer, and/or the Government at any time during the duration of the purchase order. Adequate notice will be given to the supplier in the event this should occur.

Q22 IDENTIFICATION -

Parts and/or material provided for this purchase order shall be identified with the part number, revision, and CAGE Code in accordance with MIL-STD-130 and/or drawing/specification requirements.

Q23 Deleted

Q27 Deleted

Q28 SPECIAL PROCESS APPROVAL FLOWDOWN -

Supplier shall be responsible for using Klune, Klune's customer's, and/or Government approved sources for the performance of special processing. Contact the buyer for names of the approved suppliers.

Q29 APPROVED SUPPLIER -

All items supplied on this purchase order shall be purchased from only those suppliers approved by Klune, Klune's customer, and/or the Government. Contact Klune buyer for a list of approved suppliers.

Q30 Deleted

Q31 FLIGHT SAFETY CRITICAL -

Items furnished under this purchase order are Flight Safety Critical. The supplier shall currently be Boeing Military Helicopter approved for the processing involved. All requirements of EPB 17-119 and applicable sub-tier specifications are imposed. The initial planning for manufacturing/processing shall be submitted to Klune for Boeing approval. Once the planning package has been approved by Boeing, the process is "fixed" and will require re-submittal before any process changes can be incorporated into the already approved process. Part serialization and traceability shall be strictly maintained throughout all processes. All critical characteristics shall be inspected 100%.

Q32 BOEING HARDWARE -

All hardware purchased on this purchase order shall be obtained from a Boeing Qualified Products List (QPL) or a D-590 approved manufacture. If a distributor is used the distributor shall provide chain of custody traceability back to the Boeing QPL manufacturer.

Q33 BOEING APPROVED PROCESSOR -

All processing on this purchase order shall be in accordance with D1-4426 (latest revision) Boeing approved processors.

Q34 FASTENER QUALITY ACT -

Articles purchased on this purchase order shall be produced in accordance with the Fastener Quality Act and the Fastener Quality Act Amendment dated June 8, 1999, (the Act) (Pub.L. 106–34, 113 Stat. 118) <http://www.gpo.gov/fdsys/pkg/PLAW-106publ34/pdf/PLAW-106publ34.pdf>. In addition to supplier's Certificate of Conformance, Certified Test Reports are required to accompany this order and shall include one of the following statements:

- (A) All fasteners meet the requirements of the FQA and records of compliance are on file or,
- (B) All fasteners were produced prior to the implementation of the FQA and are therefore exempt.

Q35 GRAIN DIRECTION -

Grain Direction identification is required on this order. All pieces of raw stock shall be identified with an arrow or other means denoting the grain direction. Failure to identify grain direction shall be cause for rejection.

Q36 PROPER REVISION LEVEL -

All items produced for this purchase order shall be of the same revision listed on the purchase order. In the event there is a conflict between the revision stated on the purchase order and the revision on the print supplied, immediately notify the Klune Buyer for resolution.

Q37 BOEING D6-82479, AS9100, or D1-9000 FLOWDOWN -

The supplier is required to be BOEING approved to D6-82479, AS9100, or D1- 9000 (latest revision) for Basic Quality System Requirements for work performed on this purchase order. Proof of approval is required.

Q38 CAD/CAM DPD, MBD Quality System Flowdown QUALITY SYSTEM FLOWDOWN -

Supplier is required to be BOEING approved to D6-51991 (latest revision), CAD/CAM Quality Assurance System Requirements, for work performed on this contract. Proof of approval is required.

Q39 PROCESS CHANGE CONTROL -

All processes which require Klune and or customer process approval prior to activity shall be considered frozen. Any change in procedure, personnel, equipment (including electronic hardware, software, or firmware), material, tooling, cleaning, handling, etc. shall require written change approval prior to further processing.

Q40 NON-CONFORMING MATERIAL -

The supplier shall notify Klune of nonconforming products as soon as discovered by the supplier. Authority to ship discrepant material shall be obtained by the seller prior to shipment. Discrepant material shipped without prior approval shall be rejected and returned at the seller's expense.

Q41 SUBCONTRACTING BY SUPPLIER -

The supplier shall not subcontract any part of the manufacturing process or finishing process of any part on this order without prior written approval from Klune. Supplier is also responsible to ensure flow down of Klune's purchase order requirements to any and all sub-tier suppliers.

Q42 UNAUTHORIZED CHANGES -

The supplier shall make no changes to work under this purchase agreement (including design, manufacturing processes, materials, or otherwise) which may affect form, fit or function of the items without prior approval by Klune.

Q43 CUSTOMER/GOV'T FURNISHED PROPERTY ADMINISTRATION & FLOW DOWN -

Customer/Government furnished property administration and flow down is essential in the performance of this contract. In addition to Klune's purchase order terms & conditions (Form KII-

600-11) paragraphs 16 and 24, the Klune Industries' "Purchase Order Attachment CFM - Buyer/Government Property in Possession of Seller (Subcontractor)" is required.

Q44 FOREIGN OBJECT DEBRIS (FOD) PROGRAM -

Klune's suppliers and their subtiers shall ensure work is accomplished in a manner preventing foreign objects or material in deliverable items. Klune's suppliers and their subtiers shall maintain material handling, part protection, work area housekeeping, tool accountability, hardware accountability, and parts and materials in a manner sufficient to preclude the risk of FOD incidents and in accordance with NAS 412. The supplier's FOD program shall be subject to audit and Klune's or Klune's customer's review and/or approval.

Q45 Preference for Domestic Specialty Metals - Compliance with the following clauses is required in the performance of this contract and shall be flowed to suppliers at all tiers when parts, components, and or end item deliverables contain specialty metals. Use of specialty metals shall be confined only to those that have been smelted (the Deviation clause adds "or produced") in the United States, its outlying areas, or a qualifying country listed in DFARS 252.225 <http://www.acq.osd.mil/dpap/dars/dfars/pdf/r20121231/252225.pdf>

Note: Titanium is a specialty metal. Stainless Steel is a specialty metal because of its nickel content.

DFARS 252.225-7008 and DFARS 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals (excluding Paragraph (d) which is deleted from this clause)(applicable to Purchase Orders under prime contracts awarded after July 28, 2009)

DFARS 252.225-7010, Commercial Derivative Military Article—Specialty Metals Compliance Certificate (applicable to Purchase Orders under prime contracts awarded after July 28, 2009)

Exemptions to the requirements of the above clauses may exist, as outlined in the clauses themselves or by operation of applicable Department of Defense (DoD) Domestic Non-Availability Determinations (DNADs) posted on the DoD public web site. Contact the Klune buyer if exemptions might apply.

Q46 Standard Hardware for Government Programs - DFAR 252.225-7009 Restriction on Acquisition of Certain Articles Containing Specialty Metals <http://www.acq.osd.mil/dpap/dars/dfars/pdf/r20121231/252225.pdf> flow down (all tiers) of this FAR clause are essential in the performance of this contract. The standard hardware supplier, distributor, or manufacturer (hereafter "supplier") shall supply a certification statement to Klune that the standard hardware they have supplied, distributed, and or manufactured is compliant to DFAR 252.225-7009. Supplier shall certify that the hardware supplied contains specialty metals *ONLY* from the United States of America or a qualifying country as listed in subsection DFAR 2.52.225-7001 of the Defense Federal Acquisition Regulation Supplement. Failure to include the substance of the required certifying statement will deem the subject hardware unusable for the product for which it is intended and shall result in return of the subject hardware.

Q47 OUTSIDE CALIBRATION SOURCE REQUIREMENTS -

Outside calibration sources shall maintain a calibration system that is in compliance with ANSI/NCSL Z 540-1.3 or ISO 17025 (latest revisions). Calibration records/certifications shall show traceability of the standards used for calibration to the National Institute of Standards and

Technology (NIST) and indicate a minimum of three points within the range of the instrument being calibrated. Calibration of NDT equipment also requires a minimum of three points within the range-of-use* of the instrument being calibrated.

*Contact Klune Industries' buyer if the NDT instrument's range-of-use requirements were not provided.

Q48 GOODRICH APPROVED PROCESSOR -

All processing on this purchase order shall be in accordance with QA-111. The latest revision of QA-111 in effect as of the date of this PO must be used. QA-111 can be accessed via the Internet at <http://materiel.goodrich.com> and by selecting the *Materiel Quality Assurance* link.

Q49 LOCKHEED AERONAUTICS APPROVED PROCESSOR -

Processing to be accomplished in performance of this purchase order is directly related to a Lockheed Martin Aeronautics Company purchase order and shall be accomplished in accordance with process specification(s) on this purchase order and the revision in effect as of the date of this PO of Lockheed Martin Aeronautics Company Appendix QJ. All requirements of such Appendix QJ paragraph 12 a. – f. shall be accomplished. Appendix QJ is located at http://www.lockheedmartin.com/us/aeronautics/materialmanagement/scm-quality/scm-quality_qualityappendices.html).

Q50 NADCAP APPROVED PROCESSOR

All processing on this purchase order shall be performed by NADCAP approved processors. <https://www.eauditnet.com/eauditnet/ean/user/login.htm>

Q51 COUNTERFEIT PARTS PREVENTION -

- a. For the purposes of this clause, Work consists of those parts delivered under this Contract that are the lowest level of separately identifiable items (e.g., articles, components, goods, and assemblies). "Counterfeit Work" means Work that is or contains items misrepresented as having been designed and/or produced under an approved system or other acceptable method. The term also includes approved Work that has reached a design life limit or has been damaged beyond possible repair, but is altered and misrepresented as acceptable.
- b. SELLER agrees and shall ensure that Counterfeit Work is not delivered to Klune.
- c. SELLER, if eligible for utilization of the Government-Industry Data Exchange Program ("GIDEP"), shall utilize the GIDEP process to screen their material and products for risks, taking appropriate mitigating actions when necessary, and alert the industry of encountered counterfeit parts.
- d. SELLER shall only purchase new and authentic products to be delivered or incorporated as Work to Klune directly from the Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM), or through an OCM/OEM authorized distributor chain or authorized aftermarket manufacturer. Work shall not be acquired from independent distributors or brokers as defined in AS5553 unless approved in advance in writing by Klune.
- e. SELLER shall immediately notify Klune with the pertinent facts if SELLER becomes aware or suspects that it has furnished Counterfeit Work. SELLER shall maintain OCM/OEM certifications of conformance with traceability (including the name and location of all supply chain intermediaries from the original manufacturer and build identification such as date codes, lot codes, serialization or other batch identification) that authenticates traceability of

the affected items to the applicable OCM/OEM. SELLER shall provide said documentation when requested by Klune.

- f. 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 Klune's costs of removing Counterfeit Work, of reinserting 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 Klune may have at law, equity, or under other provisions of this Contract.
- g. This clause applies in addition to any quality provision, specification, statement of work, or other provision included in this Contract addressing the authenticity of Work. To the extent such provisions conflict with this clause, this clause prevails.
- h. SELLER shall include paragraphs (a) through (e) 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 Klune.

Q52 Prohibition on Acquisition of United States Munitions List Items from Communist Chinese Military Companies -

DFAR 252.225-7007 <http://www.acq.osd.mil/dpap/dars/dfars/pdf/r20121231/252225.pdf>

As prescribed in 225.1103(4), use the following clause:

PROHIBITION ON ACQUISITION OF UNITED STATES MUNITIONS LIST ITEMS FROM COMMUNIST CHINESE MILITARY COMPANIES (SEP 2006)

- (a) *Definitions.* As used in this clause—

“Communist Chinese military company” means any entity that is—

- (1) A part of the commercial or defense industrial base of the People's Republic of China; or
- (2) Owned or controlled by, or affiliated with, an element of the Government or armed forces of the People's Republic of China.

“United States Munitions List” means the munitions list of the International Traffic in Arms Regulation in 22 CFR Part 121.

- (b) Any supplies or services covered by the United States Munitions List that are delivered under this contract may not be acquired, directly or indirectly, from a Communist Chinese military company.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts for items covered by the United States Munitions List.

DFARS 252.225 is at
<http://www.acq.osd.mil/dpap/dars/dfars/pdf/r20121231/252225.pdf>

Q53 Boeing H900 - The terms and conditions of H900 apply to this purchase order.

H900 is located at Doing Business with Boeing, under Quality Clauses (located under Terms, Conditions & Provisions), under Common Clauses, under HXXX General Legal/Flowdown http://www.boeingsuppliers.com/index_quality.html

H900 includes:

A General Requirements: 1 Buyer's Use of Data and Information, 2 Order of Precedence, 3 Subcontracting, 4 Badging Requirements for Foreign Persons, 5 Security Requirements for Access to Premises Owned or Controlled By Buyer or the Government, 6 Safeguards, 7 Reserved, 8 Electronic Commerce Accounts, 9 Reserved, 10 Ethical Business Conduct, 11 Foreign Content Reporting, 12 ITAR Registration Requirements, 13 Export Licensing Information / Offshore Procurement, 14 Buyer Approvals, 15 Reserved, 16 Industrial Participation Commitment, 17 Reserved, 18 Defective Cost or Pricing Data, 19 Business Size Representations and Certifications, 20 Delivery Payment Terms 21 Import Commercial Invoicing, 22 Invoice and Payment for Material under Labor Hour / Time and Material Contracts, 23 Advanced Shipping Notice (ASN), 24 Supplier Packaging Requirements, 25 Counterfeit Goods, 26 Material Substitution Prohibition, 27 Government Property, 29 Reciprocal Waiver of Claims - Qualified Anti-Terrorism Technology, 30 Representations and Certifications, 31 Special Tooling

B Additional Site / Program Requirements: 1 Process Standards/Specifications Supersession List, 2 Authorized Equivalent Parts List, 3 Approved Materials Substitution List, 4 Change Notification.

(Issuing Location/Program Site - Long Beach): 1 Bar Coding Requirements, 2 Disposition of Nonconforming Material

(Issuing Location/Program Site - St. Louis): 1 Additional Contract Provisions

(Issuing Location/Program Site - Puget Sound): 1 Supplier Disclosure

Q54 ITAR Registration Requirements - Supplier/Seller shall comply with International Traffic in Arms Regulation §122.1, Registration requirements.

Q55 Boeing D607 Material Substitution Prohibition

D607 is located at Doing Business with Boeing, under Quality Clauses (located under Terms, Conditions & Provisions), under Common Clauses, under DXXX Material, BDS Terms and Conditions Clause Number: D607, http://www.boeingsuppliers.com/index_quality.html

D607 includes:

- A. Unauthorized Material Substitution (General)
- B. Metallic Materials (Specific)
- C. Specification Supersession:

- D. Reports (Full Pedigree from melt to final product)
- E. Chain of Custody (Disguising intermediate ownership)
- F. Source of Additional Information
- G. The substance of this Article shall be flowed in all subcontracts at every tier

Q56 Boeing Q011S Supplemental Quality Requirements

Q011S is located at Doing Business with Boeing, under Quality Clauses (located under Terms, Conditions & Provisions), under Common Clauses, under QXXX General Legal/Flowdown, BDS Terms and Conditions Clause Number: Q011S, http://www.boeingsuppliers.com/index_quality.html

Q011S includes:

1. Change in Quality Management Representative
2. Change in Quality Management System
3. Change in Manufacturing Line, Facility Location or Process
4. Natural Disaster Occurrence
5. English Language
6. Seller's Subcontractors

Q57 Supplier Corrective Action

In all cases of Vendor caused scrap and/or rework, Klune reserves the right to issue a VCAR (Vendor Corrective Action Request) to direct and track root cause investigation efforts and ensure documentation of effective corrective action.

"The Vendor agrees to provide a formal response upon request using the provided Klune "Vendor Corrective Action Request" (VCAR) form. The VCAR response form must be completed fully and returned within the timeframe indicated on the form.

When parts that have been shipped to Klune are required in support of a root cause investigation, the Vendor must contact the Klune buyer to request the materials as needed.

Klune reserves the right to require additional industry-recognized investigative tools such as a cause map and/or fishbone diagram as needed to ensure that the true root cause of the defect has been identified.

Each identified root cause must be addressed by a specific corrective action. Each corrective action must include objective evidence of a documented improvement to the production process which will become a permanent part of all future planning with the intent to mitigate the risk of a repeated failure.

Klune Quality must approve all VCAR responses and corrective actions by reviewing documented evidence or by observation at the supplier site. When a due date extension is needed, contact the Klune buyer. Requests for an extension must be by email and contain the following:

- 1) Reason for the extension request
- 2) Current status of the investigation

3) Date being requested for final submittal
The Klune buyer will forward the request to the Klune Quality Director who has the sole authority to grant extension requests.

Delinquent responses without extension requests sent **IN ADVANCE** are automatically escalated to the Klune Quality Director for review.

Q100 Klune Quality Code Flowdown-General Requirements

Note: Q100 is a list of required Klune Klune Q-Codes that apply in all cases except as specifically noted in this code, or on the face of the purchase order.

The following Klune Quality Codes apply in all cases as applicable

- Q5A Inspection System Requirements
- Q5B Quality Assurance Requirements
- Q8 Part/Lot Traceability
- Q18 Preservation and Packaging
- Q21 Right of Entry
- Q22 Identification
- Q36 Proper Revision Level
- Q39 Process Change Control
- Q40 Non-Conforming Material
- Q42 Unauthorized Changes
- Q44 Foreign Object Debris
- Q51 Counterfeit Parts Prevention
- Q57 Supplier Corrective Action