

Q01	<p><u>SIKORSKY AIRCRAFT PART</u> – The following statement “THIS IS A SIKORSKY AIRCRAFT PART” shall be clearly marked on all purchase orders issued by the supplier and any of its subcontractors. All Certificate of Conformance and process certifications shall also include the above statement.</p> <p><u>ORIGINAL SUPPLIER AND SPECIAL PROCESSOR CERTIFICATE OF CONFORMANCE</u> – Accompanying each shipment of items covered by this purchase order, the supplier and all of its special processors that are called out on the Sikorsky Aircraft Approved Source List (Q46) shall submit an original Certificate of Conformance. The original certificate shall be signed and dated by an authorized representative of the company. Use Sikorsky Material and Process Specifications Index (SS7777) to determine the latest revision of specifications.</p> <p><u>SUPPLIERS RECORD RETENTION</u> – Sikorsky product records shall be kept for (10) ten years and (40) years respectively for Flight Safety/Flight Essential parts.</p>
Q1	<p><u>INSPECTION SYSTEM</u> - The Supplier shall establish and maintain an effective system (MIL-I-45208) for the control of quality which will assure compliance with contractual requirements. The system shall be documented to assure control of quality throughout all phases of contract performance and shall provide for the prevention and ready detection of nonconformance as well as positive corrective and preventive action.</p>
Q1A	<p><u>QUALITY MANAGEMENT SYSTEM</u> - The Supplier shall maintain a Quality Management System in accordance with the requirements of ISO 9001, or equivalent.</p>
Q1B	<p><u>AEROSPACE QUALITY STANDARD</u> - The Supplier shall maintain a Quality System in accordance with AS 9100, or equivalent.</p>
Q2	<p><u>OBJECTIVE EVIDENCE OF QUALITY</u> – By delivery of items of this purchase order, Supplier certifies that all requirements of the specifications applicable to this order are complied with. Supplier shall make available to ITT all inspection results and test data necessary to support evidence of such compliance. All certificates and/or data must include:</p> <ul style="list-style-type: none"> - ITT and/or Supplier Part Number and Revision letter - ITT Purchase Order Number - Serial Numbers and date lot codes - Applicable specifications and standards
Q2A	<p><u>VARIABLE DATA</u> - The Supplier’s variable data (measured values) for each item delivered shall show conformance to all inspections and/or tests specified by the applicable drawings, specifications, or Supplier’s Acceptance Test Procedure as approved by ITT.</p>
Q2B	<p><u>ATTRIBUTE DATA</u> – The Supplier’s Attribute Data (Go/No-Go) for each lot delivered shall show conformance to all inspections / tests specified by the applicable drawings, specification or Supplier’s Acceptance Test Procedure as approved by ITT.</p>
Q2C	<p><u>COUNTERFEIT PARTS PREVENTION</u> Seller shall establish and maintain a Counterfeit Parts Prevention and Control Plan as outlined below:</p> <p>A. Prohibition The seller agrees and shall ensure that Counterfeit Parts are not contained in products delivered through the implementation of policies that include prevention methods to protect against the use of Counterfeit Parts.</p> <p>B. Prevention The seller shall only purchase products, to be delivered or incorporated in an assembly to ITT, directly from the Original Component Manufacturer (OCM) /Original Equipment Manufacturer (OEM), or through an OCM/OEM authorized distributor. The seller shall maintain Original Component / Equipment Manufacturer (OEM)</p>

	<p>certificates for all Electronic, Electrical and Electromagnetic components and devices including those items in assemblies or subassemblies delivered as part of this purchase order. OCM / OEM Certificates of Conformance shall be available upon request.</p> <p>C. Notification In the event seller becomes aware or suspects that it has furnished Counterfeit Parts under this Purchase Order, the seller should promptly disclose such item(s) to the Buyer and replace such item(s) with item(s) acceptable to Buyer at no increase in price, cost or fee.</p> <p>D. Remedies In the event that Products delivered under this Purchase Order are, or include, Counterfeit Parts, The seller shall promptly investigate, analyze and report in writing to the buyer. The parties shall agree upon the appropriate course of action.</p> <p>E. Flow Down The seller shall flow the requirements of this provision to its subcontractors and suppliers at any tier for the performance of this Purchase Order.</p> <p>Compliance with these requirements are in no way to be interpreted as relieving the seller from their responsibility to assure that Counterfeit Parts are not contained in products delivered. Any deviations from this clause must be approved in advance, in writing, by ITT.</p>
Q2D	<p><u>FASTENER MATERIAL CERTIFICATION</u> - If this contract is for procurement of ASTM, ASME, SAE, MS, BAC, AN, or NAS specification fasteners, (bolts, nuts, screws, studs, washers, rivets, pins, etc.), the following requirements apply. Seller shall provide a certification attesting that materials, processes (including applicable inspection processes) and finished items were controlled and tested in accordance with the requirements of this contract and applicable specifications and that such records are on file or that materials used were supplied by Buyer.</p> <p>The certification shall identify the original manufacturers and their lot numbers for each lot in the shipment. Multiple lots within a shipment shall be kept separate and clearly identified as to the original manufacturers and their lot numbers.</p> <p>Seller shall include a copy of the certification with the packing sheet for each shipment.</p>
Q3	<p><u>CHEMICAL AND PHYSICAL ANALYSIS</u> – The Supplier shall forward with each shipment of material, a copy of the mill chemical and physical analysis for the raw material on this Order. The report shall bear the heat number and a separate report shall be forwarded for each heat.</p>
Q4	<p><u>ITT SOURCE INSPECTION (ESI)</u> - The inspections and tests indicated by the following subparagraphs are subject to ITT Source Inspection when they are included as part of the Purchase Order. Supplier shall notify the ITT Purchasing Department 5 days prior to the required inspection. ITT reserves the right to perform in-process inspections and/or audits at any time during the life of this Order.</p>
Q4A	<p><u>IN-PROCESS INSPECTION</u> – and/or audits are required at points selected by the ITT Quality Assurance Representative and/or as specified by the Purchase Order, the drawing or applicable documentation.</p>
Q4B	<p><u>ITT PRE-CAP INSPECTION</u> - Buyer’s representatives will perform pre-cap (in process) workmanship inspection at Supplier’s Facility. Supplier must notify Buyer a minimum of five (5) working days prior to the date material will be available for pre-cap inspection. Final acceptance of material furnished hereunder will be made at Buyer’s facility.</p>
Q4C	<p><u>FINAL INSPECTION AND/OR TEST</u> – Final inspection and/or test shall be performed prior to shipment in accordance with applicable drawings, product specifications, Purchase Order requirements or other applicable</p>

	documentation.
Q4D	FIRST ARTICLE INSPECTION (FAI) – A first article inspection report is required if a new supplier is selected. FAI may be performed at ITT or at supplier facility. If performed at supplier facility, the supplier shall notify Buyer a minimum of five (5) days prior to date material will be available for Buyer inspection. It is ITT's intention that this activity be limited to a single visit. (If after the 1st article has been approved, the supplier changes his method of production, ITT shall be notified of these changes in order to determine if a new first article inspection will be required.)
Q5	GOVERNMENT SOURCE INSPECTION – Government Source Inspection (GSI) is required for item(s) on this Order. Upon receipt of this Order, the Supplier shall promptly notify the Government Representative who normally services its plant so that appropriate planning for Government Inspection can be accomplished.
Q6	GRAIN FLOW ANALYSIS REPORT – The Supplier shall forward with the first shipment of material, a report of grain flow analysis. The report shall be in accordance with the requirements of the forging specifications listed on the drawing and shall contain legible photographs of a sectioned and suitably etched forging showing grain flow structure. An inspection report listing actual measurements of all forging dimensions must be forwarded with the laid out part to ITT for First Article approval.
Q7	RADIOGRAPHIC INSPECTION - Replaced by Q44.
Q8	ULTRASONIC TEST – Replaced by Q44.
Q9	MAGNETIC PARTICLE INSPECTION – Replaced by Q44.
Q10	DYE PENETRANT INSPECTION – Replaced by Q44.
Q11	SHELF LIFE MATERIAL – The supplier shall mark material, space permitting, or if bulk material, the containers of the items of this Order with the shelf life expiration date and/or cure date as applicable. Include on packing list, the temperature at which the product(s) should be stored and maintained. A minimum of seventy-five percent of shelf life must be remaining on unit at date of shipment.
Q12	HEAT LOT TRACEABILITY - The Supplier shall legibly mark in a permanent manner, each part furnished under this Order with a heat lot code, number traceable to final heat treat, the mill heat lot number, forging heat number and/or casting heat number as applicable (or the ITT assigned heat lot code number). Lots which have permanent Serial Numbers on all parts shall be traceable by Serial Number with correlation to certifications.
Q13	PREVIOUSLY REJECTED ITEMS – Supplier shall note on return shipping documents for items that ITT has previously rejected whether these items have been reworked, replaced or repaired. Repairs shall not be performed without prior written approval from ITT.
Q13A	NONCONFORMING PRODUCT NOTIFICATION - Supplier shall notify ITT when nonconforming product has been produced prior to delivery.
Q14	WELDER CERTIFICATION – Welding shall only be performed by welders certified to the requirements of the welding specification listed on the drawing.
Q15	HEAT TREAT CERTIFICATION – A copy of a certification for the heat treatment operation shall accompany each shipment of material. The certification shall contain the following information as a minimum: the company performing the heat treat operation; the furnace number, furnace accuracy (% ±), time at temperature (specify temperature), cooling method and time, results of physical tests to verify hardness and/or tensile, number of pieces checked, number of pieces accepted and rejected. In addition, the Supplier shall identify the heat treat recording chart with the above information and forward the chart or a copy thereof to ITT with the certification.

Q16	<p>FIRST ARTICLE INSPECTION REPORT CASTING – The Supplier, prior to production, shall perform a First Article layout inspection and prepare a First Article Inspection Report listing actual measurements for all cast dimensions. When multi-cavity molds are used, a separate layout and inspection report shall be prepared for a casting from each cavity. The cavities and castings shall be identified for correlation. The report and the first article “Sample Approval” casting shall be forwarded to ITT Inspection for acceptance/disposition. The report shall also contain necessary affidavits and data for radiographic testing, chemical and physical report, Serial Number, casting heat number, and data for any other non-destructive tests performed or required.</p>
Q17	<p>ELECTRICAL WORKMANSHIP - Electrical workmanship shall be in accordance with the requirements called out on applicable drawing or specification. In the event no requirements are specified, ITT Specification 980300 or an acceptable supplier equivalent approved by ITT shall be used.</p>
Q17A	<p>MECHANICAL WORKMANSHIP - Mechanical workmanship shall be in accordance with the requirements called out on applicable drawing or specification. In the event no requirements are specified, ITT Specification 107700 or an acceptable supplier equivalent approved by ITT shall be used.</p>
Q18	<p>CATALOG INFORMATION - The Supplier shall furnish with shipment of material, a copy of the catalog specification sheets which describes, as applicable, the material requirements, envelope and interface dimensions and any operating characteristics necessary to inspect the item(s) at ITT Receiving Inspection Department.</p>
Q19	<p>ESD (FULL COMPLIANCE) – The Supplier shall implement an Electrostatic Discharge Control program that meets the requirements of MIL-STD-1686. Implementation may be audited in accordance with MIL-HDBK-263 (Appendix K) and MIL-STD-129 Marking for Shipment and Storage.</p>
Q19A	<p>ESD (PARTIAL COMPLIANCE) – The supplier comply with MIL-STD-129 Marking for Shipment and Storage and paragraphs 5.1 and 5.3 through 5.10 of MIL-STD-1686.</p>
Q20	<p>ESD PACKAGING - Products susceptible to damage from static electricity shall be packaged in tubes, tape & reel, or containers constructed of waterproof, electrostatic protective, static dissipative material with no talc, or residues that would inhibit solder ability or contaminate leads or finish of product. Connectorized products shall be fitted with static shielding dust caps. When static shielding caps are not available for the product, selection of specific packaging material shall be the responsibility of the supplier providing aforementioned requirements.</p>
Q21	<p>CASTINGS: A radiographic inspection report per PS 21206, PS 23001.1 and PS 23001 (Para. 5.2 and Table 1). (Class 2B castings require only first article foundry control radiography).</p> <ul style="list-style-type: none"> - Penetrant inspection report per PS 21202 and pre penetrant etch per PS 12050. - Tensile testing of test bars cast for each casting heat and heat treated with castings. Testing shall be in accordance with the material specification and PS 23001. - Heat treatment and hardness testing report for castings.
Q21A	<p>FORGINGS: Ultrasonic inspection report per PS 21211 Class a (for raw forging stock)</p> <ul style="list-style-type: none"> - Magnetic particle inspection report per PS 21201 Class A. - Hardenability testing report in accordance with the material specification. - Macrostructure and grain size analysis in accordance with material specification. - Grain flow analysis for first article forgings. The report shall include photos of an etched and sectioned forging.

Q21B	<u>FIRST ARTICLE INSPECTION CASTINGS AND FORGINGS</u> - A First Article Inspection Report for castings and forgings is required for a new die or mold, a new facility or process change. The supplier shall, prior to production, furnish with shipment of material, a “blued”, “laid out” First Article sample. The inspection report shall include variable data for all dimensions.
Q22	<u>BOEING F-15 EXTRUSIONS</u> – The Supplier shall furnish with shipment of material, a report of macrostructure analysis, grain size analysis and hardenability testing in accordance with the material specification. On First Article submission, the Supplier shall forward a report of grain flow analysis with photos of an etched and sectioned sample.
Q23	<u>BOEING APPROVED SPECIAL PROCESS SOURCES</u> - When ITT Engineering drawing cites Boeing Process Specification “PS” Document Number then the following requirement shall apply. The supplier and all of its sub-contractors shall use Boeing approved special processors as called out in the Boeing document D1-4426. If the source the supplier plans to use is not listed in the D1-4426, authorization must be obtained from ITT prior to use. Boeing document D1-4426 is in http://www.boeingsuppliers.com/d14426/index.html .
Q24	<u>SPECIAL PROCESS CONTROL</u> – The Supplier shall, as a minimum, demonstrate a degree of control over these processes to provide assurance that specifications are complied with detailed procedures. Copies of special process procedures and certifications shall be supplied to ITT upon request. If the Supplier uses facilities other than his own, that facility is subject to the same conditions stated herein.
Q25	<u>TENSILE TEST REPORT</u> – Supplier shall furnish with shipment of material, a report of tensile testing of three (3) test bars cast for each casting heat lot and heat treated with the castings. Test bars shall be as described in the material specification and may be cast separately.
Q26	<u>SHOT PEENING PROCESS CONTROL</u> - The Supplier shall furnish with shipment of material, a report of process control and intensity value of the shot peen operation for each lot of parts processed o this Order and a witness test specimen processed with the lot. The report shall list the information specified in AMS-S-13165 under “Test Records” and “Acquisition Requirements”. The test specimens shall be as described in the “Quality Assurance Provisions” section of AMS-S-13165.
Q27	<u>PC BOARD MANUFACTURING</u> - All printed circuit fabricated by the Supplier shall meet the requirements of IPC 6012 Class 3 or IPC 6018 Class3, or requirements specified on the ITT drawing. Acceptability of printed boards shall be in accordance with IPC-A-600.
Q28	<u>SOLDER CERTIFICATION</u> – The Supplier shall furnish with shipment of material, a certification stating that the soldered electrical and electronic assemblies were fabricated and inspected to the applicable requirements of and J-STD-001. Acceptability for electrical/electronic assemblies shall be in accordance with IPC –A–610.
Q29	<u>PRODUCT AND PROCESS CHANGE APPROVAL</u> – Supplier shall obtain approval from ITT of changes in product and/or process definitions.
Q29A	<p><u>PRODUCT AND PROCESS CHANGE REVIEW & APPROVAL</u> – In order to ensure appropriate change classification, Supplier shall submit to ITT all Product and Product Affected Process Changes for review and/or approval. No changes shall be made to ITT design parts without prior ITT written approval.</p> <p>Where the Supplier has design authority; Supplier shall submit Class 2 changes for concurrence and Class 1 changes for approval. All Product and Product Affected Process Changes shall be submitted to the ITT Buyer for internal distribution. Supplier shall make submissions with sufficient time for ITT concurrence and/or approval, without affecting delivery schedule. ITT shall provide to Supplier written approval for Class 1 changes.</p>
Q30	<u>VARIATION MANAGEMENT OF KCs</u> - The following requirements are applicable to Key Characteristics if identified on ITT drawings:

	<ul style="list-style-type: none"> • Supplier shall develop and maintain a Variation Management Program in accordance with AS 9103. • Supplier procedures shall include Process Control Documents (PCDs) which detail how key characteristics are manufactured, critical process steps identified, and how variation shall be analyzed, evaluated, and controlled. Supplier shall submit a procedure to ITT Quality for approval prior to manufacture of parts. • Supplier shall submit to ITT, control charts, histograms and/or other analytical charts. Supplier shall provide evidence of analysis of data and actions taken in response to identified variations, outside of established statistical control limits • Supplier shall flow down to sub tier suppliers the applicable requirements in the purchase order, including key characteristics, when the control; of key characteristics are a requirement of this order.
Q31	<p><u>D.S.C.C. APPROVED CERTIFICATION</u> - By acceptance of this purchase Order, The Supplier certifies that a D.S.C.C. Approval Certificate number, covering material purchased herein, or evidence of QPL approval is available or in effect.</p>
Q32	<p><u>LM AERO APPROVED SPECIAL PROCESS SUPPLIERS ARE REQUIRED</u></p>
Q33	<p><u>LMMFC – ORLANDO APPROVED SPECIAL PROCESS SUPPLIERS ARE REQUIRED</u></p>
Q34	<p><u>FIRST ARTICLE INSPECTION</u> – First Article Inspection per AS 9102 is required on this purchase order. AS 9102 forms must be used. Material & Processing certifications are required. Model based and light drawings require that the model be interrogated to determine dimension. When applicable, Light drawings include key features not listed specifically in the model. FAI’s shall include measurements to the model and the key features listed on the light drawings. FAI’s shall include validation points which represent the nominal points on the model used in the inspection of the manufactured part. 100% of the features must be validated at First Article and documented. The validation points originally created for an approved first article will be required for recurring inspections. Note: Validation points require ITT QA approval. If you have performed a FAI on this part being procured within the past 2 years and the revision level the same, a FAI is not required at this time. (If after the 1st article has been approved, the supplier changes his method of production, ITT shall be notified of these changes in order to determine if a new first article inspection will be required.)</p>
Q35	<p><u>ITT ACCESS CLAUSE</u> - Authorized representatives of buyer, and its customer, government or FAA when accompanied by Buyers representative, shall have the right to visit the Supplier’s and its subcontractors facilities at any time during the performance of this purchase order. These visits are for the purpose of ascertaining progress, making inspections, performing surveillance and witnessing tests. The Buyer shall give prior notification of such visits, to minimize interference with the normal operations of Supplier’s plant. Such visits by ITT and/or its customer do not absolve the Supplier of the responsibility to provide acceptable product. Verification by ITT’s customer does not preclude subsequent rejection by ITT of any nonconforming items.</p>
Q36	<p><u>FOREIGN OBJECT DEBRIS</u> - The supplier shall employ appropriate housekeeping practices to assure timely removal of residue/debris generated, if any, during manufacturing operations and/or normal daily tasks. Sellers shall determine if sensitive areas that may have a high probability for introduction of Foreign Objects Debris/Damage should have special emphasis controls in place appropriate for the manufacturing environment.</p>
Q36A	<p><u>NATIONAL AEROSPACE STANDARD 412</u> - National Aerospace Standard 412 (Foreign Object Damage/ Foreign Object Debris Prevention) shall apply. Suppliers are required to incorporate the appropriate features of this standard as suited to their particular product or company.</p>

Q37	<u>CAGE CODE MARKING</u> - Mark "CDA 82340" under "00752" on items that requires "00752" marking. Reference ITT Specification 980024 for details.
Q38	<u>PROHIBITED MATERIALS</u> - Unless otherwise specified on the drawing, the following materials are strictly prohibited in parts or materials ordered by ITT: Pure Tin (>97% Sn), Zinc, Cadmium and pure Beryllium. Use of these materials in base metals, either in pure form or alloyed, are acceptable only provided there is a 100% continuous (non-porous) surface finish of an approved material such as nickel, gold, etc. Assembly solder finish shall be compatible with a tin/lead soldering process. Tin finishes, if used, must contain a minimum of 3 percent alloying elements by volume. Once an item's solder finish has been approved, any changes in the solder composition from tin/lead finish to lead free solder must be approved by ITT.
Q39	<u>PASSIVATION</u> - Prior to passivation treatment per AMS-QQ-P-35, parts that have un-machined surfaces which have been subjected to any high temperature process such as, casting, forging, heat treating, or welding etc. must be mechanically descaled in accordance with ASTM A380, section 5.3 thru 5.3.4 to remove discoloration, oxidation and scaling. ITT prefers the abrasive vapor blasting process with all close tolerance, holes, threads, machined diameters and surfaces masked to prevent impacting and or damage. Supplier shall flow down to sub-tier suppliers the applicable requirements in the purchase order, including special cleaning instructions.
Q40	<u>NADCAP SUPPLIERS</u> - Supplier shall use NADCAP approved suppliers for special processes. Suppliers that are not NADCAP approved must be submitted to ITT for approval.
Q41	<u>DOMESTIC SPECIALTY METALS</u> - Intentionally left blank.
Q42	<u>SUPPLIERS RECORD RETENTION</u> - The supplier is responsible to maintain all inspection records of products being delivered to ITT Corp. This includes travelers, material and plating certifications, electrical test data. Records shall be kept for (7) seven years from shipment of product. This information shall be made available to ITT Corp upon request.
Q43	<u>SUPPLIER SUB-TIER CONTROL</u> - The Supplier is responsible for insuring all items produced from its subcontractors conform to all requirements of the purchase order. Supplier shall ensure all applicable provisions of this document are flowed down to its subcontractors, including the use of AS9102 for first article inspection.
Q44	<u>NONDESTRUCTIVE TEST (NDT) REPORT</u> - Unless otherwise specified by the order, drawing or specification, NDT shall be performed on 100% of the lot of products. With each delivery of products on the order, the supplier shall furnish a certified test and/or inspection report that shows the required NDT (i.e. radiographic, ultrasonic, magnetic particle, penetrant, etc.) test was performed on all delivered products. The certification shall be issued by the organization that actually performed the NDT and include: ITT order number, applicable NDT specification, heat lot number, number of parts tested, accepted, rejected, the reason for rejection, the tester's/Inspector's name, certification level, date of expiration of certification, and date of inspection.
Q45	<u>PACKING & PACKAGING REQUIREMENTS</u> - The items on this order shall be packed, packaged and preserved in such a manner as to assure adequate protection from deterioration and physical damage due to material handling or shipment. The material shall arrive at ITT free of nicks, dents, gouges, scratches and undue oxidation. Parts subject to oxidation shall be packaged with a suitable preservation or an oxidation inhibiting paper such as non-rust paper. Springs shall be packaged to preclude entanglement. When required by the purchase order and/or referenced documents, the supplier shall pack and package supplies to specific packing and packaging specifications.
Q46	<u>SIKORSKY APPROVED PROCESS SOURCES ARE REQUIRED</u> - Sikorsky approved sources are required for plating, surface coating/ finishes, heat treat, welding, and Non-Destructive Testing. Any Sikorsky subcontractor or supplier, at any tier in the process, performing Non Destructive Inspection, shall submit part specific technique sheets in accordance with ITT Report 16603 Para 6.0. The technique sheets shall be submitted for approval by ITT prior to any delivery.

Q47	<u>SIKORSKY FLIGHT SAFETY PARTS</u> – Flight Safety Parts shall be planned and produced in accordance with Sikorsky Aircraft Corporation specification SS9211.
Q48	<u>CALIBRATION SYSTEM REQUIREMENTS</u> - The Supplier shall maintain a calibration system in accordance with the requirements of ISO9000, AS9000, or Mil-STD-45662. NOTE: ITT shall be notified immediately upon determination of a condition where tools and gages which have been used for final acceptance are found to be out of calibration by an amount greater than twenty percent. Distributors are responsible for assuring that material supplied by them was procured from a manufacturer who maintains an inspection and calibration system as described above.
Q49	<u>SPECIAL PROCESS CONTROL</u> – Special processes are those yielding products which cannot be evaluated for conformance to requirements through inspection or non-destructive testing. These include welding, plating, heat treating, anodizing, glass or shot peening, printed circuit board fabrication, dry film lubricant application, etc. The Supplier shall, as a minimum, demonstrate a degree of control over these processes to provide assurance that specifications are complied with. As applicable, the Supplier shall provide adequate training for personnel, certifications where required and destructive testing of samples and detailed procedures. Upon request, copies of special process procedures and certifications shall be supplied to ITT. If the Supplier uses facilities other than his own, that facility is subject to the same conditions stated herein. All certifications supplied as objective evidence must indicate the name and location of the facility performing each special process.
Q50A	<u>MIL-STD-883 SCREENING RESULTS</u> – The Supplier’s Screening Results data shall show compliance with Method 5004.11 of MIL-STD -883. The name and location of the facility at which the screening was performed shall be listed on the summary data sheet.
Q50B	<u>QUALITY CONFORMANCE INSPECTION METHOD 5005.14 of MIL-STD-883</u> - Unless Note 2A is specified on the face of this Order, data related to required groups B, C and D testing need not be delivered to ITT. However, such data must be on file and available for ITT’s inspection at the Supplier’s facility.
Q51	<u>MATERIAL SAFETY DATA SHEETS (MSDS)</u> – The supplier shall submit MSDS with all products when this requirement is identified on the Purchase Order.
Q52	<u>REQUIREMENT FOR CHEMICAL CONVERSION COATINGS ON ALUMINUM AND ALUMINUM ALLOYS</u> - The Supplier shall deliver to ITT parts or components in accordance with drawing requirements. In addition, the Supplier shall furnish with shipment of material, a report and test specimen processed with the lot. The report shall list information verifying the existence of a coating as specified in ASTM-B449.
Q53	<u>REQUIREMENT FOR TEST CIRCUITRY FOR PRINTED WIRING BOARDS AND CERTIFICATION OF TESTING AND FABRICATION</u> - The Supplier shall furnish with shipment of material: (a) Serialized coupons. A sample board may be substituted for coupons when the ITT supplied artwork does not provide for coupon circuitry. (b) Certification that the boards have been: · Manufactured to IPC Class III (Latest Revision) · Electrically tested (Type III boards only) · All boards have been vendor coded. NOTE: IPC Class III sample requirements shall be based on a Lot by Lot base. 100% is not required as indicated in IPC for Class III.
Q54	<u>SOFTWARE CONTROL</u> – If Software is used to control the manufacture, inspection or test of supplied product, the supplier shall maintain a program for the positive control over the configuration status, validation, and program integrity of the software. This shall include, but not be limited to, the control of models, NC programs, test programs, inspection software, and software delivered in product.

