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PURPOSE

The Sierra Nevada Company, LLC (SNC) Supplier Quality Assurance Requirements (SQAR) document is a reference document that further explains what the assigned Quality Codes require of Suppliers and forms part of the SNC Purchase Order. The SQAR's purpose is to support ensuring SNC's Quality Requirements are consistently understood and met by Suppliers.

SCOPE

The scope of the requirements outlined in this document applies to all SNC Business Areas (BAs) and are reflective of the SNC Quality Assurance (QA) Codes that are flowed down to SNC's Suppliers via SNC Purchase Orders. The requirements apply to materials and services that are procured to support SNC's contract deliverables to customers.

INSTRUCTIONS FOR SUPPLIER USE

1. **General:** This document is divided into four sections, as described below, with category headings containing the SNC Quality Assurance (QA) Code numbers, the QA Code Title, the corresponding QA Code Description, and an explanation of the Action Required and/or the Required Deliverable from Suppliers to SNC to fully satisfy the requirements of the Quality Assurance (QA) codes that are included on SNC Purchase Orders and/or Change Orders.
 - a. **Section 4.0:** General Quality Flow Down Requirements Applicable to All SNC BAs that may be included on all Purchase Orders and/or Change Orders.
 - b. **Section 5.0:** All SNC BAs Quality Flow Down Requirements by Process Type. This section breaks down the SNC QA codes for purchases made by SNC for:
 1. Calibration Services
 2. Circuit Card Assembly / Printed Circuit Boards
 3. Raw and/or Composite Material Manufacturing
 4. Electronic Component / Electronic Assembly Manufacturing / Wire and Cable Harness
 5. Epoxy, Adhesive, Elastomeric Material, and Rubber Manufacturing
 6. Hardware Manufacturing – Build to Print and Commercially Available Off the Shelf (COTS)
 7. Metal Fabrication and Machined Parts
 8. Painting, Chemical Manufacturing, Coatings
 9. Special Processes
 - c. **Section 6.0:** Aviation / Aircraft Parts and Services Supplier Quality Flow Down Requirements
2. **Supplier Review and Acceptance of Quality Codes on SNC POs:**
 - a. Suppliers are required to review the Purchase Order(s) and associated QA Codes by PO line item on the PO, reference this document upon PO receipt to clarify requirements and deliverables, and contact SNC if the QA Codes are not understood prior to acknowledgement of the PO. Notify SNC, in advance of PO acknowledgement, if Supplier is unable to meet all QA Code requirements on the PO.
 - b. Suppliers are required to provide confirmation to SNC with the acknowledgement of the PO indicating that Supplier has the capability to perform the work that is being ordered and that Supplier commits to meeting all of the requirements of all QA Codes on the PO at the time of delivery to SNC.

GENERAL QUALITY FLOW DOWN REQUIREMENTS APPLICABLE TO ALL SNC BAs

This section contains General Quality Requirements that may be applied to POs from all SNC BAs and are independent of Supplier Manufacturing Process and/or Service type.

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA002E	Certificate of Conformance (or equivalent)	Suppliers shall submit with each shipment a Certificate of Conformance assuring that all work performed in connection with the Purchase Order conforms to the requirements therein. The C of C may be a separate document having relevant information regarding the parts being certified, such as purchase order, part number, revision, serial number (if applicable) or it may contain reference to a package of documents that makes it traceable to the Purchase Order and it's manufacture. It shall have the Supplier Name, printed/ typed name of the supplier's authorized representative certifying the shipment, their title, signature (electronic is acceptable) or stamp, and date. Examples of traceable information may include, but are not limited to: <ul style="list-style-type: none"> • Date of Manufacture • Serial, Lot or Batch Number • Control Number • Work Order Number • Test Data with associated identifying information • List any SNC / Customer Furnished Material was used in the manufacture of the delivered items 	SNC requires a stand-alone Certificate of Conformance by a member of Supplier's management that is accountable for all items meeting SNC's requirements indicating that all items in the shipment meet SNC's requirements. The signed Certificate of Conformance must list the following items for each item shipped to SNC: Supplier Name, Printed name and title of the Supplier's Representative signing that the shipment meets requirements, date of shipment authorization and signature, date of manufacture, serial / lot / batch number, control number, work order number, and all test parameters / pass fail criteria / test results.
QA004	First Article Inspection (General)	First Article inspection shall include actual findings of all drawing dimensions, notes and results of nondestructive tests required by the drawing and/or requirements of the Purchase Order. This will be conducted at the Manufacturer's facility. A copy of the report shall be delivered with the first delivery of the procured item.	SNC requires that Suppliers complete and submit to SNC with shipment a full first article inspection (FAI) using Supplier's own form for the identified parts on the SNC Purchase Order to identify and indicate that all requirements have been met.
QA004A	First Article Inspection (AS9102)	First Article inspection shall include actual findings of all drawing dimensions, notes and results of nondestructive tests required by the drawing and/or requirements of the Purchase Order. This will be conducted at the Manufacturer's facility. A copy of the report shall be delivered with the first delivery of the procured item. Suppliers must use AS9102 Forms 1, 2 and 3 found at: http://www.sae.org/aag/publications/as9102a-faq.htm	SNC requires that Suppliers complete and submit to SNC with shipment a full first article inspection (FAI) for the identified parts on the SNC Purchase Order to identify and indicate that all requirements have been met in accordance with and using the AS9102 forms 1, 2, and 3.
		1.	
QA009	SNC Source Inspection at Supplier	Source inspection of items furnished on this Purchase Order is mandatory. Supplier shall notify SNC Quality Organization at least seven (7) working days in advance of requirement for source inspection. Supplier shall make available all records, facilities, equipment, personnel, and assistance necessary to evaluate items, witness testing and/or perform First Article Inspection of the items supplied.	SNC requires Suppliers to permit SNC or SNC's designated representatives to perform on-site source inspection on, as indicated, at the Supplier's Facilities providing access to facilities, equipment, records, and personnel, as well as notify SNC at least seven (7) working days in advance of the date that Purchase Order items will be ready for inspection.

QA010A	Customer / Government Source Inspection	Government inspection is mandatory prior to shipment from Manufacturer's/Supplier's plant. Supplier shall notify the appropriate Government Organization at least seven (7) working days in advance of requirement for source inspection. Upon receipt of this Purchase Order, a copy will be furnished to the Government representative who services the Manufacturer's/Supplier's plant. In the event the representative or office cannot be located, the SNC Quality Organization shall be notified immediately.	When this Quality Code is applied to a Purchase Order, SNC requires Suppliers to acknowledge agreement and compliance to this requirement at time Purchase Order acceptance. Suppliers are required to notify the appropriate Government Organization at least seven (7) working days in advance of requirement for source inspection. In the event the representative or office cannot be located, the SNC Quality Organization shall be notified immediately in writing.
QA012	Inspection and Test Reports	Supplier shall furnish with each shipment a report of tests, including actual dimensions and/or results, completed during Supplier final acceptance. Data shall be provided for all parts in the shipment unless sampling has been authorized in writing by SNC Quality Assurance.	SNC requires Suppliers to perform final acceptance testing and inspection of all Drawing Dimensions for each line item on the Purchase Order, as indicated, or sampling, as specified, and electronically submit the full inspection report to SNC, as well as place a printed copy in the shipping container.
QA015A	Non-Conforming Hardware	Supplier must notify the buyer of any nonconforming conditions related to product while at the suppliers location prior to shipment and/or delivery or after release to the buyer. Written authorization signed by Buyer's Engineering and Quality Assurance Representatives is required prior to shipping items which do not comply with the drawings, or specifications. As requested from Buyer, if it is determined that seller or seller's sub tier supplier is responsible for the nonconformance, corrective action must be documented and accomplished in a timely manner. Written Buyer authorization is required prior to performing any repair operations or any "use as is" dispositions on deliverable items. Should it be determined that the corrective action is not adequate, clarification may be requested or seller may be disqualified from use A copy of the Buyer Nonconformance Document authorizing shipment shall be provided with the shipment.	SNC requires Suppliers to acknowledge agreement and compliance to this requirement at the time of Purchase Order acceptance. SNC retains the authority over disposition of nonconforming items produced by the Supplier and will only accept conforming items meeting all requirements on the Purchase Order, as indicated.
QA017	Failure Analysis and Corrective Action	Supplier shall conduct and report failure results and corrective action taken on all discrepant material returned to the Supplier. A failure analysis and report is required and shall reference the applicable SNC nonconforming material report number. The report shall be sent to the SNC Quality Organization for review and acceptance. Supplier must provide a detailed description of any rework performed.	For all returned / rejected material from SNC back to Suppliers, SNC requires Suppliers to perform a full failure analysis and document and report to SNC the root cause (s), containment, correction(s), and corrective action(s) to prevent recurrence.
QA036	Serial Number Assignment	If serialization is a requirement reference PO, subcontract or contact SNC buyer for serial number assignment.	SNC requires Suppliers to contact SNC for serial number assignment and apply serialization prior to shipment to SNC for all line items on the Purchase Order, as indicated.
QA038	Quality Management / Inspection System	The supplier shall maintain a system that conforms to an applicable approved standard such as AS9100 or ISO9001. Certification by an accredited 3rd party registrar will be accepted. The system will be subject to review at all times. Declaration of compliance with no formal accredited registrar will be subject to review and audit. The supplier shall notify SNC buyer of all significant changes including facility location, ownership, senior management or quality system.	SNC prefers that Supplier's Quality Management System is certified to ISO 9001 / AS9100 through a 3 rd party Certification Body. SNC requires Suppliers to acknowledge this requirement when applied to a Purchase Order sending a current copy of the certification for SNC to maintain on file. If not certified to ISO 9001 / AS9100 through a 3 rd party Certification Body, Suppliers are required to disclose this and

		Supplier must notify SNC within 10 business days of any changes in Quality Management System certification (ISO, AS9100, etc.) status.	acknowledge that SNC may perform an on-site Quality Management System audit.
QA044	General GIDEP Alerts and Advisories	The supplier shall participate in the Government Industry Data Exchange Program (GIDEP) and review product related alerts and advisories to determine if they affect the products/services provided to SNC. If affected, the supplier shall take action to notify SNC buyer and mitigate any negative effect agreed upon by supplier and SNC.	Suppliers are required to register for a free membership and be active members of GIDEP, sign up for Push Notifications, and review and respond accordingly to all notifications to determine any negative impact to products/ services supplied to SNC. If there is a negative impact, Suppliers are required to notify SNC in writing and work towards a mutually agreeable solution to mitigate the negative effects of the reported failure(s).
QA047	Record Retention	In addition to requirements included in the referenced terms and conditions, seller must maintain all quality records for a period of seven (7) years unless otherwise specified, after shipment of all goods delivered under this order.	SNC requires Suppliers to acknowledge agreement and compliance to this requirement at time Purchase Order acceptance and to meet the Quality Records Storage period of seven (7) years, through either electronic record or hard copy record storage. Records must be protected from alteration or deterioration and be readily available upon request from SNC.
QA048	Key Characteristics Flow Down	Seller shall flow down applicable requirements to all of their Suppliers to ensure buyer's requirements, including key characteristics, are appropriately flowed down to all tiers within the supply chain.	SNC requires Suppliers to review the Key Characteristics identified on the Engineering Drawings and to flow these requirements to Sub-Tier Suppliers ensuring that all Key Characteristics have been met by the Sub-Tier Suppliers.
QA064	Hazardous Material	Any usage of the following material shall be identified, documented, and provided with the deliverable product. a) Wiring insulation containing Polyvinyl Chloride (PVC) b) Hybrid Polyimide wiring insulation c) Beryllium containing materials d) Asbestos or asbestos-containing material (ACM), even in concentrations less than 1%. e) Polyimide (Kapton) insulated wire and cable f) Lithium-ion batteries shall not be used as a primary power source. g) The usage of the Lithium-ion batteries shall be identified, documented, and provided with the deliverable product. h) Lead, other than in the solder	SNC requires Suppliers to submit to SNC with shipment disclosure of presence of any of the listed items in SNC Quality Code 64a – 64h, as indicated, for line items on the Purchase Order.
QA065	Restricted Carcinogens	The Subsystem shall not contain any restricted carcinogens, as defined below, either in pure form or where the substance is present in a mixture at a concentration greater than 0.1% Acrylonitrile [107-13-1], b. enzene [71-43-2] - All uses involving benzene as a feedstock containing more than 50% of benzene by volume, c. Cyclophosphamide [50-18-0] - When used in preparation for therapeutic use in hospitals and oncological treatment facilities, and in manufacturing operations - Genuine research or analysis, d. 3,3'-Dichlorobenzidine [91-94-1] and its salts (including 3,3'-Dichlorobenzidine dihydrochloride [612-83-9]), e. Diethyl sulfate [64-67-5], f. Dimethyl sulfate [77-78-1], g. Ethylene dibromide [106-93-4], h.	SNC requires Suppliers to submit to SNC with shipment disclosure of presence of any of the listed items in SNC Quality Code 65, as indicated, for line items on the Purchase Order. Noted that presence of these items is prohibited by SNC.

		4,4'-Methylene bis(2-chloroaniline) [101-14-4] MOCA, i. 3-Propiolactone [57-57-8] (Beta-propiolactone), j. Toluidine [95-53-4] and Toluidine hydrochloride [636-21-5] and k. Vinyl chloride monomer [75-01-4]	
QA066	Prohibited Carcinogens	The Subsystem shall not contain any prohibited carcinogens, as defined in the list below, either in pure form or where the substance is present in a mixture at a concentration greater than 0.1%.: a. 2-Acetylaminofluorene [53-96-3], b. Aflatoxins, c. 4-Aminodiphenyl [92-67-1], d. Benzidine [92-87-5] and its salts (including e. benzidine dihydrochloride [531-85-1]), f. bis(Chloromethyl) ether [542-88-1], g. 4-Dimethylaminoazobenzene [60-11-7] Dimethyl Yellow), i. 2-Naphthylamine [91-59-8] and its salts, and j. 4-Nitrodiphenyl [92-93-3]	SNC requires Suppliers to submit to SNC with shipment disclosure of presence of any of the listed items in SNC Quality Code 66, as indicated, for line items on the Purchase Order. Noted that presence of these items is prohibited by SNC.

ALL SNC BAs QUALITY FLOW DOWN REQUIREMENTS BY PROCESS TYPE

This section contains General Quality Requirements by Supplier Manufacturing Process and/or Service Type that may be applied to POs from all SNC BAs.

CALIBRATION SERVICES

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA003C	Calibration (ISO/IEC 10012)	The supplier is required to maintain a Calibration System that is in conformance with the requirements of the latest revision of ISO 10012 as part of supplier's overall business management system. (Note that ISO 10012, current revision, is not a substitute for or an addition to the requirements of ISO/IEC 17025). Conformance is subject to audit by the buyer.	SNC requires Calibration Suppliers to maintain a 3 rd party accreditation for their Calibration System to the latest revisions of ISO 10012 and provide evidence of conformance to ISO 10012 when requested.
QA003E	Calibration & Testing Service (ISO/IEC 17025 Accredited / Traceable Std)	The Calibration & Testing Service Supplier shall (1) have (or use) a testing and calibration laboratory accredited to ISO/IEC 17025, current revision, and (2) furnish Calibration certificate(s) confirming traceability to International System of Units (SI) standards and/or traceable to National Institute of Standards (NIST), for all equipment and/or tool calibration services provided to Sierra Nevada Corporation (SNC). For all equipment or tools found to be in an Out of Tolerance condition, the Supplier must record on the Calibration certificate(s) the "as received / as found" and "adjusted / final" measurement values following Calibration. Equipment found to be Out of Tolerance must be reported to SNC no later than seven (7) business days after the Out of Tolerance condition has been found. Calibration of equipment and/or tools that is completed on site at SNC and found to be Out of Tolerance must be reported to SNC by the end of the on-site calibration service.	SNC requires the Calibration Service Supplier to have or use a testing and calibration laboratory that is current in its accreditation to ISO/IEC 17025 to complete services ordered and submit to SNC with shipment Calibration Certificate(s) confirming traceability to SI and/or NIST standards for all equipment and/or tool calibration services provided to SNC and will be maintained by Quality Department, Tool Crib personnel, or other Operation functions at each SNC BA or BU location. If there are Out of Tolerance conditions found with SNC's equipment and/or tools, this must be documented on the Calibration Certificate, as required, and reported to SNC within seven (7) business days if calibration is not being done at an SNC facility or at the end of the on-site calibration if the service is being provided at an SNC facility.

CIRCUIT CARD ASSEMBLY / PRINTED CIRCUIT BOARDS

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA026	Ball Grid Array X-Ray	Supplier shall furnish evidence of x-ray inspection of all ball grid array solder connections. Electronic copies of x-ray photos on CD preferred.	SNC requires that Suppliers perform 2-D or 3-D x-ray on all ball grid array (BGA) solder joints inspecting for voids, shorts, opens, etc. on the printed circuit board assemblies and submit all photographs electronically to SNC.
QA028	PCB Fab Requirements	The Supplier fabricating printed circuit boards (PCBs) must provide the following requirements for this order: NETLIST Test Certificate, TDR report, cross section report (w/coupon), and one solder sample with every fabrication lot.	SNC requires that Suppliers complete and submit to SNC via a data package included in the shipping container a full electronic test report for each printed circuit board that is shipped to SNC under the terms of the Purchase Order and accompanying cross sections and solder samples. Electronic test reports shall include a NETLIST Test Certificate, Time Domain Reflectometry (TDR) report with measured values and a "Pass/Fail" determination for each measured value vs. the required impedance. PCB cross section photos with corresponding coupons and one solder sample for each Supplier fabrication build lot is also required.

RAW &/OR COMPOSITE MATERIAL MANUFACTURING

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA008A	Temperature Sensitive Material	Ship by next day express packaged in dry ice (10 degrees F maximum). Include temperature recorder in shipment.	SNC requires Suppliers to ship material with a non-reversible time / temperature indicator tag with a tag accuracy guarantee to be +/-1 degree to indicate that the shipment has been handled and stored properly during transport through the supply chain. The indicator tag shall be applied directly to the material packaging and shall confirm that the temperature of the material has not exceeded 10°F maximum.
QA008B	Temperature Sensitive Material	Ship refrigerated (40 degrees F maximum). Include temperature recorder in shipment.	SNC requires Suppliers to ship material with a non-reversible temperature label that consists of one or more heat-sensitive indicators sealed under transparent, heat resistant windows affixed directly to the material packaging and confirms that the temperature of the material has not exceeded 40°F maximum.
QA013A	Chemical and Physical Test Reports	Test report documentation indicating chemical composition and/or actual physical properties identifiable to each lot, batch or heat treat lot shall be on file and made available to Buyer upon request. Documentation shall be validated by an authorized Supplier's representative.	SNC requires Suppliers to create, maintain, and preserve test report records indicating chemical composition and/or physical properties, as specified on the Purchase Order line item(s), that have been validated as accurate by an

			authorized Supplier representative. SNC Buyers may request copies of this documentation.
QA013C	Raw Material Certification / Test Reports - Submit with Shipment	Test report documentation indicating chemical composition and/or actual physical properties identifiable to each lot, batch or heat treat lot shall be kept on file and submitted with shipment. Reports must contain actual numerical values of analysis or test results, rather than a range or PASS/FAIL attribute data. Documentation shall be validated by an authorized Supplier's representative.	SNC requires Suppliers to create, maintain, preserve and submit to SNC with shipment test reports / records that have been reviewed and signed by Supplier's authorized representative with signature and job title (e.g. – Quality Manager) that include chemical composition and/or physical properties for each processed lot, batch or heat treat performed that interprets the test result and documents "PASS/FAIL", as applicable, per Purchase Order line item(s) requirements.

ELECTRONIC COMPONENT / ELECTRONIC ASSEMBLY MANUFACTURING / WIRE AND CABLE HARNESS

Code Number	Code Title	Code Description	Action Required and/or Expected Supplier Deliverable(s)
QA007A	Packaging of Electrostatic-Sensitive Devices	This is an electrostatic sensitive device and shall be handled and packaged in accordance with ANSI / ESD S20.20, current version. Use of Pink Poly packaging material for shipment of product to SNC is strictly prohibited.	SNC requires Suppliers to adhere to the industry standard requirements of ANSI S20.20 in establishing, implementing, and maintaining an ESD control program to protect electrical or electronic parts, assemblies, and equipment susceptible to damage by electrostatic discharges (ESD) ≥ 100 Volts HBM, 200 Volts CDM, and 35 Volts on isolated conductors. SNC requires Suppliers to ship the electrostatic-sensitive devices for each line item on the PO in industry approved ESD packaging that does not contain any pink/poly packaging material.
QA020A – 20Z	Electronic Process & Workmanship	The following requirements apply to this order. a. IPC-A-610 Class 1 Acceptability of Electronic Assemblies b. IPC-A-610 Class 2 Acceptability of Electronic Assemblies c. IPC-A-610 Class 3 Acceptability of Electronic Assemblies d. IPC-A-600 Class 1 Acceptability of Printed Boards e. IPC-A-600 Class 2 Acceptability of Printed Boards f. IPC-A-600 Class 3 Acceptability of Printed Boards g. MIL-PRF-55110 General Specification For Printed Wiring Boards h. IPC/EIA J-STD-001 Class 1 Requirements for Soldered Electrical and Electronic Assemblies i. IPC/EIA J-STD-001 Class 2 Requirements for Soldered Electrical and Electronic Assemblies j. IPC/EIA J-STD-001 Class 3 Requirements for Soldered Electrical and Electronic Assemblies k. IPC/WHMA-A-620 Class 1 Requirements and Acceptance for Cable and Wire Harness Assemblies	SNC will assign one or more of the listed applicable industry standards to the items on the Purchase Order, as indicated. Suppliers are required to review the requirements and confirm through Purchase Order acknowledgement that all requirements in the applicable industry standard(s) can, will, and have been met on items delivered to SNC.

		<p>I. IPC/WHMA-A-620 Class 2 Requirements and Acceptance for Cable and Wire Harness Assemblies</p> <p>m. IPC/WHMA-A-620 Class 3 Requirements and Acceptance for Cable and Wire Harness Assemblies</p> <p>n. Compliance to EU directive for Waste Electrical and Electronic Equipment (WEEE) is required</p> <p>o. Compliance to EU directive for Restriction of Hazardous Substances (RoHS) is required</p> <p>p. EEE Parts Age- (Electronic, Electrical, and Electromechanical Parts) shall not be greater than 3 years old at time of receipt at Buyer, unless otherwise identified in the purchase order or statement of work.</p> <p>q. NASA-STD-8739.1 Workmanship Standard for Staking and Conformal Coat of Printed Wiring Boards and Electronic Assemblies</p> <p>r. NASA-STD-8739.2 Workmanship Standard for Surface Mount Technology</p> <p>s. NASA-STD-8739.3 Workmanship Standard for Soldered Electrical Connections</p> <p>t. NASA-STD-8739.4 Workmanship Standard for Crimping, Interconnecting Cables, Harnesses and Wiring</p> <p>u. Single Date/Lot Code Items delivered under this order shall be from a single date/lot code. Shipments of multiple date/lot codes must be authorized in advance by SNC buyer.</p> <p>v. Items delivered under this order shall utilize tin-lead solder with more than 3% lead by weight in accordance with latest revision of IPC J-STD requirements. All other solders will not be used without prior written approval from Sierra Nevada Corporation.</p> <p>w. IPC/EIA J-STD-001 Space Applications Electronic Hardware Addendum to IPC J-STD-001 Class 3 Requirements for Soldered Electrical and Electronic Assemblies. When this code is applied Code 20j is required.</p> <p>x. Magnet wire greater than 2 years from date of manufacturer must be re-screened per NASA EEE-INST-002 Tables 1B and 2B. Magnet wire older than 5 years cannot be used.</p> <p>y. EEE Parts Age- The shelf life for all electronic parts prior to installation shall not exceed seven years for Grade 1 parts and ten years for Grade 2 or 3 parts unless verification/recertification testing has been performed.</p> <p>z. IPC/WHMA-A-620 Space Applications Electronic Hardware Addendum to IPC/WHMA-A-620 Class 3 Requirements and Acceptance for Cable and Wire Harness Assemblies. When this code is applied, Code 20m is required.</p>	
QA031	Mercury Contamination	Articles furnished under this order shall be free from Mercury contamination.	SNC requires that Suppliers complete and submit to SNC with shipment confirmation that the items shipped against the Purchase Order line items, as indicated, are confirmed to be free from Mercury contamination.
QA043A	Counterfeit Parts Avoidance - Assemblies	1) Unless approved in writing by the Buyer, Seller shall use only original equipment manufacturers or original component manufacturers (OEM/OCM) or an OEM/OCM Authorized/Franchised Dealer or Distributor.	SNC requires that Suppliers complete and submit to SNC with shipment a data package for items specified on the Purchase Order that only OEM / OCM parts have been used

		2) Seller shall verify all documents that provide chain of custody to the original manufacturer for each lot in a shipment. Upon request from Buyer, these documents shall be provided to SNC.	to satisfy SNC's Purchase Order requirements and supporting documentation to authenticate the chain of custody, if requested by SNC Buyer.
QA043B	Counterfeit Parts Avoidance - Components	Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for each component in a shipment.	SNC requires that Suppliers complete and submit to SNC with shipment supporting documentation to authenticate the chain of custody of parts used to satisfy SNC's Purchase Order requirements to the original manufacturer.
QA043D	Counterfeit Parts Avoidance - Assemblies or Components	Seller shall implement systems that assure traceability of all material(s) from the Original Component / Equipment Manufacturer (OCM / OEM) to product acceptance by the Buyer. For electronic parts, Seller shall have processes that enable tracking from the OCM / OEM or the OCM / OEM Authorized Distributors, whether the electronic component is supplied as a discrete electronic part or is contained in an assembly. If supplying discrete electronic components, Seller shall be the OCM / OEM or an OCM / OEM Authorized Distributor. Unless approved in writing from Buyer, Seller shall supply or use parts only from OCM / OEM or an OCM / OEM Authorized Distributor.	SNC requires that Suppliers provide electronically to SNC a Statement of Conformance that Supplier meets all requirements outlined in SNC Quality Code 43D.
QA044A	Connector GIDEP	Defense Logistics Agency (DLA) audits of ITT Cannon Qualified Parts List (QPL) electrical connectors (Federal Supply Classification (FSC) 5935) resulted in the issuance of Government-Industry Data Exchange Program (GIDEP) notices. The affected MIL-DTLs are: MIL-DTL-38999, MIL- DTL-26482, MIL-DTL-83723, MIL-DTL-24308, MIL-DTL-83733, and MIL-DTL-83513. SNC cannot accept end products suspected of containing these connectors without Program Office/Buying Command approval. In addition, ITT Cannon has been removed from the QPL program for the MIL-DTLs referenced above effective July 5, 2017. If you are not familiar with GIDEP notices, please visit DLA's website: https://search.usa.gov/search?affiliate=dod_dla&query=GIDEP	SNC requires that Suppliers provide electronically to SNC a Statement of Conformance that Supplier meets all requirements outlined in SNC Quality Code 44A.

EPOXY, ADHESIVE, ELASTOMERIC MATERIAL, AND RUBBER MANUFACTURING

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA008	Shelf-life Material, General	Supplier shall individually identify each unit and/or container, with batch number, manufacturing date, shelf life in months and/or expiration date. Supplier shall advise SNC of any special handling or storage requirements. Supplier shall only deliver shelf life items having a minimum of 65% shelf life left.	SNC requires Suppliers to ensure that each item shipped to SNC that has a limited shelf life have a minimum of 65% shelf life remaining, as calculated by supplier based on manufacturer information, and each unit / container clearly labeled with the batch number, manufacturing date, shelf life in months and/or expiration date.
QA008C	Limited-life Material, Age Sensitive Rubber and / or	Items shall meet the relevant requirements of SAE AS5316, SAE AS1933, and/or MIL-HDBK-695, current revisions, as applicable. Supplier shall individually identify each unit and/or container with batch / lot number, manufacturing date or cure date, shelf life and/or expiration date. Shelf life, which is specified in the applicable controlling standard as "unlimited", shall have an expiration date 25	SNC requires that Suppliers provide electronically to SNC a Statement of Conformance that Supplier meets all requirements outlined in SNC Quality Code 8C.

	Elastomeric Material	years from the manufacturing / cure date applied. Supplier shall advise SNC of any special handling or storage requirements. Supplier shall only deliver shelf life items to SNC having a minimum 65% shelf life remaining upon receipt at SNC.	
QA008C1 – 8C6	Limited-life Material, Age Sensitive Rubber and / or Elastomeric Material	Supplier shall individually identify each unit and/or container with batch / lot number and manufacturing / cure date. Material shall have a date of manufacture / cure within [6 - 120] months prior to receipt at SNC.	SNC requires Suppliers to ensure that each item shipped to SNC that has a limited shelf life have each unit / container clearly labeled with the batch / lot number and manufacturing / cure date within the specified period by SNC of 6 – 120 months.

HARDWARE MANUFACTURING - BUILD TO PRINT & COTS

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA015A	Non-Conforming Hardware	Supplier must notify the buyer of any nonconforming conditions related to product while at the Suppliers location prior to shipment and/or delivery or after release to the buyer. Written authorization signed by Buyer’s Engineering and Quality Assurance Representatives is required prior to shipping items which do not comply with the drawings, or specifications. As requested from Buyer, if it is determined that seller or seller’s sub tier supplier is responsible for the nonconformance, corrective action must be documented and accomplished in a timely manner. Written Buyer authorization is required prior to performing any repair operations or any “use as is” dispositions on deliverable items. Should it be determined that the corrective action is not adequate, clarification may be requested or seller may be disqualified from use A copy of the Buyer Nonconformance Document authorizing shipment shall be provided with the shipment.	SNC requires Suppliers to acknowledge agreement and compliance to this requirement at the time of Purchase Order acceptance. SNC retains the authority over disposition of nonconforming items produced by the Supplier and will only accept conforming items meeting all requirements on the Purchase Order, as indicated, unless otherwise approved in writing by SNC. SNC requires Suppliers to perform root cause and corrective action on nonconformances created by Suppliers or Sub-Tier Suppliers and submitted electronically to SNC, as required.

METAL FABRICATION AND MACHINED PARTS

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA016B	Preservation and Packaging (VCI Prohibited)	Items supplied on this purchase order shall be suitably packaged to prevent damage from contamination, corrosion, handling and extended storage. Vapor corrosion inhibitor (VCI) is prohibited.	SNC requires Suppliers to determine the appropriate packaging to ensure item preservation for all line items on the Purchase Order, as indicated. Suppliers shall not use Vapor Corrosion Inhibitor (VCI).
QA039	Passivation for COTS Hardware (Stainless Steel)	Passivation per ASTM-A967 is required. Evidence of passivation (Certificate of Compliance) is required to be delivered with this line item.	SNC requires that Suppliers provide electronically to SNC a Certificate of Conformance that Supplier has completed passivation of Purchase Order line item(s) in accordance with the requirements of ASTM-A967.

QA039A	Passivation for Corrosion Resistant Steel (CRES) Parts	Passivation per AMS 2700 is required. Evidence of passivation (Certificate of Compliance) is required to be delivered with this line item.	SNC requires that Suppliers provide electronically to SNC a Certificate of Conformance that Supplier has completed passivation of Purchase Order line item(s) in accordance with the requirements of AMS 2700.
QA044B	GIDEP - Kobe Steel Alert	SNC prohibits the use of any materials and/or products procured from or through the Kobelco Kobe Steel Group without prior written approval from SNC. Reference GIDEP AAN-U-18-097 for additional information.	SNC requires that Suppliers provide electronically to SNC a Certificate of Conformance that Supplier certifies that line item(s) in the Purchase Order for SNC are confirmed to not contain any materials and/or products procured or through the Kobelco Kobe Steel Group, unless authorized in advance of Purchase Order fulfillment by SNC.

PAINTING, CHEMICAL MANUFACTURING, COATINGS

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA067	Hazardous Chemicals	Should be identified when the chemical listed below are used as indicated: a. Lead and Compounds - For abrasive blasting at a concentration of greater than 0-1% as lead or which would expose the operator to levels in excess of those set in the regulations covering lead b. Lead carbonate - For spray painting, c. Methanol (methyl alcohol), if the substance contains more than 1% by volume - For spray painting, d. Nickel and its compounds - For abrasive blasting at a concentration of greater than 0-1% as nickel, e. Nitrates - For wet abrasive blasting, f. Nitrites - For wet abrasive blasting, g. Radioactive substance of any kind where the level of radiation exceeds 1 Bq/g - For abrasive blasting, so far as is reasonably practicable, h. Tetrachloroethane - For spray painting, i. Tetrachloromethane (carbon tetrachloride) - For spray painting, j. Tin and its compounds - For abrasive blasting at a concentration of greater than 0-1% as tin, k. Tributyl tin - For spray painting.	SNC requires Suppliers to submit to SNC with shipment disclosure of presence of any of the listed items in SNC Quality Code 67, as indicated, for line items on the Purchase Order.

SPECIAL PROCESSES

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA013J	Special Process Control (NADCAP Accredited)	Supplier and any sub-tier supplier performing special processes (examples include heat treating, welding, coating, plating, non-destructive testing, etc.) shall be NADCAP accredited for the process called out by the SNC provided controlling documentation. Supplier shall maintain records verifying accreditation of special processes and personnel. Evidence of accreditation shall be provided with the shipment. The Certificate of Conformance shall list the industry processing standard, type, class, etc. for each NADCAP Certified process being performed. Suppliers must have controls in	SNC requires Suppliers and sub-tier suppliers performing the requested special processes for SNC to ensure that those special processes are NADCAP accredited. Suppliers are to maintain records verifying current accreditation, as well as submit to SNC with shipment evidence of accreditation for the special processes used to fulfill the Purchase Order to SNC that lists the industry processing standard used, type, class, etc. Suppliers are required by

		place and documented for approving Sub-Tier suppliers, as applicable, to ensure they are meeting the industry processing standards to perform the relevant Special Process.	SNC to maintain controls that are applied to sub-tier suppliers to ensure sub-tiers effectively meet the required industry processing standards.
QA013K	Special Process Control (General / Non-NADCAP Accredited)	Supplier and any sub-tier supplier shall provide proof of conformance to industry standards for performing special processes (examples include heat treating, welding, coating, plating, non-destructive testing, etc) called out by the SNC provided controlling documentation. The Certificate of Conformance shall list the relevant industry processing standard being performed by the Supplier, the type of special process, class, etc. Suppliers must have controls in place and documented for approving Sub-Tier suppliers, as applicable, to ensure they are meeting the industry processing standards to perform the relevant Special Process. Supplier shall maintain records verifying that special processes and personnel are certified, as necessary.	SNC requires Suppliers and sub-tier suppliers performing the requested special processes for SNC to ensure that special processes are performed in accordance with the relevant industry standard. Suppliers are required to submit to SNC with shipment a Certificate of Conformance that lists the industry processing standard used, the type of special process, class, etc to fulfill the SNC Purchase Order requirement. Suppliers are required to maintain records verifying that special process and personnel are certified, as required and maintain controls that are applied to sub-tier suppliers to ensure sub-tiers effectively meet the required processing standards.
QA037	Lot / Batch Traceability	All parts, materials, and related documents shall be segregated and identified by a manufacturing lot or batch number by the supplier, which shall include the heat number, heat code, heat lot number, melt number, manufacturing lot number, or date code. Documentation shall be maintained on file to permit traceability from the delivered item back through its manufacture and inspection to the procurement records on its constituent parts and materials. Where marking of the parts is not practical, the smallest container packaged shall be marked with the above data.	For Special Processes, as indicated on the Purchase Order, SNC requires Supplier to segregate and identify each manufacturing lot / batch number with the heat number, heat code, heat lot number, melt number, manufacturing lot number, and/or date code. Supplier is required to maintain on file records of traceability.

AVIATION / AIRCRAFT PARTS AND SERVICES SUPPLIER QUALITY FLOW DOWN REQUIREMENTS

This section contains Supplier Quality Requirements for Aircraft / Airframe Parts and/or Services, including Airframe / Aircraft Maintenance, Modification, Overhaul, Repair, Supplemental Type Certificate (STC), and/or Return to Service (RTS) that may be applied to POs primarily from SNC's IAS and/or IMS BAs.

AIRCRAFT / AIRFRAME SPECIFIC PARTS / FAA SERVICES

<u>Code Number</u>	<u>Code Title</u>	<u>Code Description</u>	<u>Action Required and/or Expected Supplier Deliverable(s)</u>
QA024	Aviation Sale Documents	All repaired, rebuilt or overhauled items offered for sale to SNC or its Divisions must be current with all applicable service bulletins, airworthiness directives or other manufacturer requirements and include certification documents.	
QA030A	Burn Test Data	Supplier must provide Burn Testing Compliance Report in accordance with applicable 14 CFR requirement identified within the Purchase Order, signed by an FAA DER. Part Number, Lot Number, Batch Number, must be identified, as applicable, for each product tested.	
QA062	Fungus Resistance	All materials used in the construction of this item shall be non-nutrients for the growth of fungi, either through their composition or through previous testing to RTCA/DO-160G Environmental Conditions and Test Procedures for Airborne	SNC requires Suppliers to complete and submit to SNC with shipment a Certificate of Conformance indicating the line items meet all requirements of SNC Quality Code 62.

		Equipment, Section 13 Fungus Resistance or MIL-STD-810F, Method 508.5 (fungus).	
QA063	Flammability Requirements	Product meets the flammability requirements per RTCA/DO-313 or RTCA/DO-160G (G only), Section 26. (If in Zone 1 or 2).	SNC requires that Suppliers complete and submit to SNC with shipment a Certificate of Conformance indicating the line items meet the flammability requirements per RTCA/DO-313 or RTCA/DO-160G (G only), Section 26. (If in Zone 1 or 2).

AIRFRAME / AIRCRAFT MAINTENANCE, MODIFICATION, OVERHAUL, REPAIR, STC &/OR RTS

Code Number	Code Title	Code Description	Action Required and/or Expected Supplier Deliverable(s)
QA069	Prototype Parts SNC Approves	<p>For this Purchase Order, Supplier must allow SNC and the FAA to inspect its Quality System, facilities, technical data, inspection records, and any manufactured articles, including witnessing any tests, including inspections or tests conducted at Supplier’s facility, in support of FAA Conformity Inspection per 14 CFR Part 21.33. If FAA Conformity Inspection is to be completed at the supplier’s location, items a-g, below, must be provided to the FAA or its Designee, but only an FAA 8130-3, Authorized Release Certificate, issued by the FAA or its Designee is required to be submitted to SNC. If FAA Conformity Inspection is to be completed at SNC, then Supplier must provide all of the following, as applicable, with delivery to the requirements of this Purchase Order to SNC to support SNC’s FAA Conformity Inspection.</p> <ul style="list-style-type: none"> a. Supplier First Article Inspection Record b. Traceability to FAA Witnessed Certification Flammability Test and FAA Approved Flammability Test Report (Per drawing or Test Plan) c. Material Certification for raw material(s) used in the production that are traceable to the part(s) being shipped to SNC d. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other part(s) used in production of the part(s) being shipped to SNC e. Process certifications (as applicable) for outsourced special processes that are traceable to the part(s) being shipped to SNC f. Evidence of SNC disposition of all nonconformances and/or deviations from design data, supported by a documented acceptance from SNC, that are incorporated into the part(s) being shipped to SNC g. FAA Form 8130-9, Statement of Conformity, attached to Supplier 8130-9 Agent Letter, if SNC delegates the signing of the 8130-9 to the Supplier h. Compliance with any additional Quality Codes applied to the Purchase Order 	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.
QA070	Prototype Aircraft	For this Purchase Order, Contracted Maintenance must be coordinated with SNC’s Repair Station Chief Inspector or Accountable Manager. Supplier must be	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC

	<p>Modification SNC Approves</p>	<p>on the SNC’s Repair Station approved Contracted Maintenance Provider list and the maintenance function(s) that the supplier will perform must be listed on the SNC Repair Station FAA-Approved Contracted Maintenance Functions list. Supplier must allow SNC and the FAA to inspect its Quality System, facilities, technical data, inspection records, and any manufactured articles, and witness any tests, including inspections or tests conducted at Supplier’s facility in support of FAA Conformity Inspection per 14 CFR Part 21.33. Supplier must provide documented evidence that the Aircraft is in a condition for safe operation as part of the required paperwork to satisfy the requirements of the Purchase Order accompanied with a maintenance / modification record documenting and describing the work performed, per 14 CFR Part 43, clearly identifying the Aircraft prototype configuration and noting that the prototype modification is not approved for Return to Service (RTS), but was inspected and found to be in a condition for safe operation. All required copies of the following Documented Evidence may be in draft version if they are pending FAA Approval. Documented Evidence may include one or more of the following items, as applicable.</p> <ul style="list-style-type: none"> a. Maintenance Records describing the work performed b. Supplier First Article Inspection c. Traceability to FAA Witnessed Certification Flammability test and FAA Approved Flammability Test Report for installed parts (per drawing or Test Plan) d. Material Certification for raw material(s) used in the production that are traceable to the part(s) being shipped to SNC e. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other part(s) used in production of the part(s) being shipped to SNC f. Process certifications (as applicable) for outsourced special processes that are traceable to the part(s) being shipped to SNC g. Evidence of SNC disposition of all nonconformances and/or deviations from design data, supported by a documented acceptance from SNC, that are incorporated into the part(s) being shipped to SNC h. FAA Form 8130-9, Statement of Conformity, attached to the Supplier 8130-9 Agent Letter, if SNC delegates the signing of the 8130-9 to the Supplier i. Compliance with any additional Quality Codes applied to the Purchase Order. The additional Quality Codes apply to parts and materials that are consumed by the aircraft modification. 	<p>with shipment all of the relevant documentation defined in the Code Description.</p>
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QA071	Production Parts SNC Approves	<p>For this Purchase Order, Supplier must allow SNC and the FAA to inspect its Quality System, facilities, technical data, inspection records, and any manufactured articles, including witnessing any tests, including inspections or tests conducted at Supplier’s facility, in support of Purchase Order fulfillment for SNC (Reference requirements of 14 CFR Part 21.310). In addition, Supplier must provide all of the following, as applicable, to Support FAA Parts Manufacturer Approval (PMA) at SNC.</p> <ul style="list-style-type: none"> a. Supplier Inspection Records demonstrating conformity to current FAA-approved design that are traceable to the part(s) being shipped to SNC b. Evidence of, and traceability to, passing Production Flammability Test (Per drawing or Test Plan). Note: FAA witnessing and approval are not required c. Material Certification for raw materials used in production that are traceable to the parts being shipped to SNC d. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other parts used in production of the parts being shipped to SNC e. Process certifications (as applicable) for outsourced special processes that are traceable to the parts being shipped to SNC f. Evidence of SNC disposition g. of all nonconformances and/or deviations from design data, supported by a documented acceptance from SNC, that are incorporated into the parts being shipped to SNC h. Compliance with any additional Quality Codes applied to the Purchase Order 	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.
QA072	Production Parts Supplier Approves	<p>For this Purchase Order, Supplier must provide Documented Evidence of FAA approval or acceptance of the parts shipped to SNC. Supplier is responsible to determine the appropriate evidence of FAA Approvals (Reference FAA AC 20-62). SNC will verify compliance. One or more of the following are required, as applicable based on the items ordered on the SNC Purchase Order, to demonstrate evidenced of FAA Parts Approval / Acceptance.</p> <ul style="list-style-type: none"> a. FAA Form 8130-3, Authorized Release Certificate / Airworthiness Approval Tag from an FAA Production Approval Holder (PAH), signed in Block 13b (not Block 14b), with the “Approved design data...” box checked in Block 13a b. FAA Technical Standard Order (TSO) Markings (TSO Parts Only) c. FAA Parts Manufacturer Approval (PMA) Markings (PMA Parts Only) d. FAA Production Certificate (PC) Holder Documents / Markings e. Non-United States / Foreign Production Approval Holder (PAH) equivalent of FAA Form 8130-3, Authorized Release Certificate / Airworthiness Approval Tag, issued for export per Bilateral Airworthiness Agreement (BAA). No counterfeit tags from Suppliers are permitted. 	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.

		<p>f. Standard Parts are required to be manufactured per industry / government standards (e.g. – AN, MS, NAS, SAE, etc standards)</p>	
QA073	<p>Component Maintenance SNC Approves (Supplier is a FAA Certificated 14 CFR Part 145 Repair Station)</p>	<p>For this Purchase Order for Contracted Maintenance, the Contracted Maintenance must be coordinated with SNC’s Repair Station Chief Inspector or Accountable Manager. Supplier must be on the Repair Station’s approved Contracted Maintenance Provider list and the maintenance function(s) that the supplier will perform must be listed on the SNC Repair Station’s FAA-Approved Contracted Maintenance Functions list.</p> <p>Supplier must provide Documented Evidence of the following to support FAA Approval for Return to Service (RTS) by SNC.</p> <ul style="list-style-type: none"> a. Supplier Work and Inspection Records describing the work performed and demonstrating conformity to current design and tech data b. Material Certification for raw materials used in production that are traceable to the parts being shipped to SNC c. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other parts used in production, repair, and/or modification of the parts being shipped to SNC d. Process certifications (as applicable) for outsourced special processes that are traceable to the parts being shipped to SNC e. Evidence of SNC Repair Station disposition of all nonconformances and/or deviations from design and technical data, supported by a documented acceptance from SNC, that are incorporated into the parts being shipped to SNC f. Compliance with any additional Quality Codes applied to the Purchase Order. The additional Quality Codes apply to parts and materials that are consumed during aircraft maintenance. 	<p>SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.</p>
QA073A	<p>Component Maintenance SNC Approves (Supplier is NOT a FAA Certificated 14 CFR Part 145 Repair Station)</p>	<p>For this Purchase Order for Contracted Maintenance, which is placed with a non-FAA Certificated 14 CFR Part 145 Repair Station Supplier, the Contracted Maintenance must be coordinated with SNC’s Repair Station Chief Inspector or Accountable Manager and Supplier must be on the Repair Station’s approved Contracted Maintenance Provider list with the maintenance function(s) that the supplier will perform listed on the SNC Repair Station’s FAA-Approved Contracted Maintenance Functions list. In addition, SNC’s Repair Station must approve the supplier’s Quality System prior to beginning work, supervise the work, and retain direct control of the Supplier’s Component Maintenance. Supplier must also allow SNC and the FAA to inspect its Quality System, facilities, technical data, inspection records, and any manufactured articles, including witness any tests, including inspections or tests conducted at Supplier’s facility, in support of Purchase Order fulfillment for SNC, per 14 CFR Part 145.223. Supplier must</p>	<p>SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.</p>

		<p>provide Documented Evidence of the following to support FAA Approval for Return to Service (RTS) by SNC.</p> <ol style="list-style-type: none"> a. Supplier Work and Inspection Records demonstrating conformity to current design and tech data b. Material Certification for raw materials used in production that are traceable to the parts being shipped to SNC c. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other parts used in production, repair, and/or modification of the parts being shipped to SNC d. Process certifications (as applicable) for outsourced special processes that are traceable to the parts being shipped to SNC e. Evidence of SNC Repair Station disposition of all nonconformances and/or deviations from design and technical data, supported by a documented acceptance from SNC, that are incorporated into the parts being shipped to SNC f. Compliance with any additional Quality Codes applied to the Purchase Order. The additional Quality Codes apply to parts and materials that are consumed during aircraft maintenance. 	
QA074	<p>Component Maintenance Supplier Approves (FAA Approved Parts Received from Supplier)</p>	<p>For this Purchase Order for Outsourced Maintenance, Supplier must provide Documented Evidence of FAA Approval for Return to Service (RTS) of the components being shipped to SNC. Documented Evidence may include one or more of the following items.</p> <ol style="list-style-type: none"> a. FAA Form 8130-3, Authorized Release Certificate / Airworthiness Approval Tag, signed in Block 14b (not Block 13b) b. Maintenance Release meeting the requirements of 14 CFR Part 43 c. Non-United States / Foreign Maintenance Approval Holder equivalent of the FAA Form 8130-3, Authorized Release Certificate / Airworthiness Tag (e.g. – EASA Form 1), issued for export per Bilateral Airworthiness Agreement (BAA). No counterfeit tags from Suppliers are permitted. 	<p>SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.</p>
QA075	<p>Aircraft Maintenance SNC Approves (Supplier IS a FAA Certificated 14 CFR Part 145 Repair Station)</p>	<p>For this Purchase Order, Contracted Maintenance must be coordinated with SNC’s Repair Station Chief Inspector or Accountable Manager. Supplier must be on the Repair Station’s approved Contracted Maintenance Provider list and the maintenance function(s) that the supplier will perform must be on the SNC Repair Station’s FAA-Approved Contracted Maintenance Functions list. Supplier must provide Documented Evidence of the following to support FAA Approval for Return to Service (RTS) by SNC.</p> <ol style="list-style-type: none"> a. Supplier Work and Inspection Records describing the work performed and demonstrating conformity to current design and tech data b. Material Certification for raw materials used in production that are traceable to the parts being shipped to SNC 	<p>SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.</p>

		<ul style="list-style-type: none"> c. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other parts used in production, repair, and/or modification of the parts being shipped to SNC d. Process certifications (as applicable) for outsourced special processes that are traceable to the parts being shipped to SNC e. Evidence of SNC Repair Station disposition of all nonconformances and/or deviations from design and technical data, supported by a documented acceptance from SNC, that are incorporated into the parts being shipped to SNC f. Compliance with any additional Quality Codes applied to the Purchase Order. The additional Quality Codes apply to parts and materials that are consumed during aircraft maintenance. 	
QA075A	Aircraft Maintenance SNC Approves (Supplier is NOT a FAA Certificated 14 CFR Part 145 Repair Station)	<p>For this Purchase Order for Contracted Maintenance, which is placed with a non-FAA Certificated 14 CFR Part 145 Repair Station Supplier, the Contracted Maintenance must be coordinated with SNC's Repair Station Chief Inspector or Accountable Manager and Supplier must be on the Repair Station's approved Contracted Maintenance Provider list with the maintenance function(s) that the supplier will perform listed on the SNC Repair Station's FAA-Approved Contracted Maintenance Functions list. In addition, SNC's Repair Station must approve the supplier's Quality System prior to beginning work, supervise the work, and retain direct control of the Supplier's Aircraft Maintenance. Supplier must also allow SNC and the FAA to inspect its Quality System, facilities, technical data, inspection records, and any manufactured articles, including witnessing any tests, including inspections or tests conducted at Supplier's facility, in support of Purchase Order fulfillment for SNC, per 14 CFR part 145.223. Supplier must provide Documented Evidence of the following to support FAA Approval for Return to Service (RTS) by SNC.</p> <ul style="list-style-type: none"> a. Supplier Work and Inspection Records describing the work performed and demonstrating conformity to current design and tech data b. Material Certification for raw materials used in production that are traceable to the parts being shipped to SNC c. Seller shall verify and provide all documents that provide chain of custody to the original manufacturer for other parts used in production, repair, and/or modification of the parts being shipped to SNC d. Process Certifications (as applicable) for outsourced special processes that are traceable to the parts being shipped to SNC e. Evidence of SNC Repair Station disposition of all nonconformances and/or deviations from design and technical data, supported by a 	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.

		<p>documented acceptance from SNC, that are incorporated into the parts being shipped to SNC</p> <p>f. Compliance with any additional Quality Codes applied to the Purchase Order. The additional Quality Codes apply to parts and materials that are consumed during aircraft maintenance.</p>	
QA076	Aircraft Maintenance Supplier Approves (FAA Approval Received from Supplier)	<p>For this Purchase Order, Supplier must provide Documented Evidence of FAA Approval for Return to Service (RTS) for all Aircraft delivered to SNC. SNC's acceptance of Supplier's Aircraft Maintenance may be subject to SNC Ground Test or Aircraft Acceptance Flight. All of the following are required, as applicable, to be submitted to SNC to demonstrate compliance and conformity, and to facilitate operation and continued airworthiness for the Aircraft.</p> <ul style="list-style-type: none"> a. Maintenance Records for work performed compliant with 14 CFR Part 43 b. FAA Form 337, Major Repair & Alteration (Airframe, Power plant, Propeller, or Appliance), for major repairs and/or major alterations c. FAA Form 8130-3, Authorized Release Certificate / Airworthiness Approval Tag, or other evidence of FAA Approval / Acceptance for all new time-controlled or serialized component maintenance that the Supplier has installed on the Aircraft d. FAA Form 8130-3, Authorized Release Certificate / Airworthiness Approval Tag, or other 14 CFR Part 43 Maintenance Release documentation for all maintenance completed on components that the Supplier has installed e. Copies of FAA Approval for Data Used (e.g. – STC, FAA Form 8110-3, FAA Form 8100-9, FAA Field Approval, etc) f. Supplemental Type Certificate (STC) Permission Letter compliant with 14 CFR Part 91.403(d) g. Copies of FAA-Approved Master Drawing List (MDL), Airplane Flight Manual Supplement (AFMS), and Instructions for Continued Airworthiness (ICA) h. Copies of revised Aircraft Weight and Balance and Equipment list 	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.
QA077	Part / Assembly Returned for Repair	<p>For this Purchase Order for Repair of a Part / Assembly, Supplier must provide to SNC with the returned part Documented Evidence of all tests performed and/or actual dimensions and/or results completed during Supplier Final Acceptance to demonstrate that the repaired part / assembly has been put into a functional suitable condition conforming to requirements. A Certificate of Conformance</p>	SNC requires Suppliers to comply with and satisfy each element of this Quality Code, as defined, and submit to SNC with shipment all of the relevant documentation defined in the Code Description.

		must be provided from the Supplier documenting all work that was performed to put the part / assembly into a functional suitable condition conforming to requirements and shall have the Supplier's Name, printed / typed name of the supplier's authorized representative certifying the shipment, their title, signature (electronic is acceptable) or stamp, and date.	
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GLOSSARY OF TERMS/ACRONYMS

Acronym, Abbreviation or Term	Definition	Term Source (SNC, Military/Government, or Industry)
Certificate of Conformance (CoC)	A document certified by a competent (individual with both technical and process knowledge; typically a member of management responsible for goods and services meeting all requirements of the part and/or service and may be the manufacturer or an independent laboratory) authority verifying the fact that the provided goods or service fulfills the required standards and specifications, but does not usually include particular test conditions, test specifications, test parameters, and final outcomes..	Industry
EASA	European Union Aviation Safety Agency	Government
FAA	Federal Aviation Administration	Government
JAA	Joint Aviation Authority	Government
RTS	Return to Service	Government / FAA
STC	Supplemental Type Certificate	Government / FAA
SNC BA	Refers to SNC Business Areas	SNC
SNC BU	Refers to SNC Business Units which are related to, or work under an SNC BA	SNC