

# Senior Operations LLC

4 Peerless Way  
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# Quality Clause

Revision July 2018

## SMC Q.C. SUPPLEMENT FORM NUMBER 1 - RECORDS MAINTAINED BY SUPPLIER

The following Quality Control Requirements apply to all vendors and purchase orders. See Procedure Number PROC 08 for Guidance

### General Quality Clause

- G1 Certification required. Please include our Job Number or, PO Number, Part Number, and Quantity, on Certificates with Serial Numbers if applicable.
- G2 Vendor to meet quality inspection system requirements of ISO 9001 and calibration system requirements of ISO 10012-1, or MIL-I-45208 and MIL-STD-45662, as approved by Senior Connecticut.
- G3 Senior Connecticut has identified the Purchase Order as ITAR/EAR controlled. An ITAR/EAR statement and watermark is depicted at the bottom of each page. Vendor must take necessary actions to be compliance with the ITAR/EAR law, referenced at [www.pmdctc.state.gov](http://www.pmdctc.state.gov). Vendor must flow down all quality and ITAR/EAR requirements to any sub-tier supplier including key characteristics.
- G4 To grant right of access by the organization, their customer and regulatory authorities to the applicable areas of all facilities, at any level of the supply chain, involved in the order and to all applicable records.
- G5 Records must be maintained covering all phases of manufacturing, processing, and inspection, for a period of 10 years for Non-Flight Safety and 40 years for Flight Safety, as required by ASQR-01 / SSQR-01 including unique requirements. Vendor must inquire with Senior CT for disposition requirements of records. Vendor to perform all Quality and B/P requirements as detailed on the Purchase Order and notify the organization of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and, where required, obtain organization approval. Vendor shall flow down to the supply chain the applicable requirements including customer requirements. Records must be maintained for life of program. Vendor must inquire with Senior CT for disposition requirements of records.
- G6 If applicable, an approved process source is required for this process. Contact Senior Connecticut if approval is not valid on date of the Purchase Order.
- G7 No changes in product design, documentation, material, tooling, or processing shall be made. Contact Senior Connecticut Engineering for approval.
- G8 Vendor agree that submission of an invoice under the Purchase Order to Senior Connecticut for payment acts as certification that supplies, deliveries and/or services performed conform in all respects to the requirements of the Purchase Order. Nonconforming product shall not be shipped to Senior Connecticut. Any departure from drawings, specifications, nonconformance or failure to meet other Purchase Order requirements must be recorded on Senior Connecticut QC(F)2, form supplied upon request. Disposition of these departures must be approved by Senior Connecticut prior to shipment. (Note: If any nonconformance is found after shipment of the product, the supplier shall notify Senior Connecticut within 24 hours)
- G9 If applicable, approval number required on Certificates.  
For end-customer Sikorsky Aircraft, Procedure Approval Number required.  
For end-customer Rolls-Royce, FPA Number or Data-card required.
- G10 Government Flowdown. This is a rated order certified for national defense use, and you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CFR part 700). See body of PO for Government Contract No. and Rating No. if applicable.
- G11 Vendor to notify Senior Connecticut Quality of any Non-Conforming product.  
Senior Connecticut must approve any non-conforming product disposition.
- G12 Counterfeit Parts Prevention Program. Senior Aerospace work instruction for Counterfeit Parts Prevention Program applies to this order.  
As applicable a cert of compliance is required per AS 6174 for any controlled material.  
Senior Connecticut urges Suppliers to enroll in "GIDEP" Government Industry Data Exchange Program
- G13 This process requires current Nadcap Accreditation. A certificate of conformance shall accompany parts with the following information:  
compliance to: PO requirements, processing specification(s) with revision, Nadcap Accredited process.  
Test data as applicable and/or required.
- G14 Vendor must maintain a quality management system  
Vendor must use customer-designated or approved external providers, including process sources (special processes)  
Vendor must ensure that persons are aware of: their contribution to product or service conformity, their contribution to product safety, and the importance of ethical behavior.  
Vendor must use statistical techniques for product acceptance and related instructions for acceptance by the organization.
- G15 All individuals performing inspection activities require annual eye exams as detailed below  
Unless otherwise specified, procedures shall be implemented to ensure that eye examinations, including visual acuity and color vision, as applicable, are administered by a medically qualified / trained person to all individuals performing visual inspection, other product acceptance activities and/or M&TE calibration that require visual acuity.  
Intervals shall not exceed one year.  
Individuals shall be tested in at least one eye, either corrected or uncorrected.  
Color Perception testing is required one time only. Individuals shall be capable of adequately distinguishing and differentiating colors used in the method for which certification is required, the process being performed or inspection activity.  
Records shall be retained for each individual.

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The following Quality Control Requirements apply when called out on Senior Connecticut Purchase Order. See Procedure Number PROC 08 for Guidance

## Additional Quality Clause Number

- 4A Packaging: Standard commercial MIL-STD-2073-1 Level C or equivalent.
- 4B Packaging: Clean. Wrap. No Oil.
- 4C Packaging: Magnesium, corrosive material preservation per SS8412 including oil, barrier paper or equivalent.
- 4D Special requirements called out on the Purchase Order.
- 5 1st Piece Inspection required. Contact Senior Connecticut Quality Department.
- 6 Test pieces required.
- 7 Spline Charts required.
- 8 SA 1101 Form required.
- 10 "Flight Safety Parts" must be on certificates.
- 11 Flight Safety Parts - contains critical characteristics. See body of the Purchase Order for Category of Inspector. Please fill out SA Form 5193 if applicable. Inspectors Stamp on Certification is required. The latest revision of SS9211 applies to the Purchase Order.
- 12 Critical component parts per Kaman Aerospace KSD 0408. Requirements of QPS-2 apply. Must be on certificates.
- 14 Vendor shall submit, with each shipment of items covered by the Purchase Order, a Certificate of Conformance ("Certificate")  
This certificate must list all of the drawings and/or specifications that formed the Purchase Order, as well as the amendment revision level of each document named. This certificate must be dated, signed by a responsible representative, include the following statement (or an equivalent statement)  
(Note: Vendor's pre-printed certificate may be acceptable if it includes all of the requirements of this clause)  
(Note: Vendor must keep all quality records applicable to the Purchase Order. Retention time is 40 years. Vendor must call Senior Connecticut prior to the destruction of quality records)  
(For Vendor of materials, only)  
Materials supplied conform in all respects to the requirements of the Purchase Order.  
(For Vendor performing a process, only)  
Processes performed and the results, for the Purchase Order, conform in all respects to the requirements of the Purchase Order.  
Vendor shall include a written statement on the certificate as follows:  
"Only materials furnished by Senior Connecticut were used in the fabrication of items supplied on the Purchase Order."  
(For Vendor of materials which include processing thereto)  
Materials supplied, and processes performed, conform in all respects to the requirements of the Purchase Order.  
Certificates must identify manufacturing source and the date of manufacture.  
Certificates must report the current approved Method of Manufacture number used and its revision level and date. Certificates must report part classifications.  
Materials supplied shall be guaranteed to meet NDT requirements as defined by the end use customer drawing.
- 14B For Rolls-Royce Parts, Certificates must report the current Rolls-Royce First Article Inspection Report (FAIR) approval date and the current Fixed Process Approval (FPA) number and approval date.
- 16 Government Source Inspection is required prior to shipment from your plant unless during performance on this order, your quality control or inspection system and manufacturing processes are subject to review, verification and analysis by authorized Government Representatives. Government inspection or release of product prior to shipment is not required if you are otherwise notified by the Government Source Inspector.
- 18 Vendor shall provide certifications to the country of origin for the materials provided. The Vendor shall submit with each shipment certification that any bearing, bearing assembly, or any component part thereof, except the raw material (such as bar or rod stock and lubricants) or bearing contained in any item of the Purchase Order, has been manufactured in the United States or Canada or by an "other authorized manufacturer" as defined in DOD FAR Supplement 52.208-7006 and DFARS 252.225-7014 as applicable. In addition the requirements of DFAR 252.225-7009 apply in regards to specialty metals.
- 23 Please complete Inspection Report and return with parts.
- 25 If the Purchase Order is for "Make Complete", a completed inspection report submitted with parts is required.
- 26 All Material furnished or processing performed under the Purchase Order must be by a source who meets Rolls-Royce SABRe source approval requirements. This also applies to all sub-tier suppliers. The articles included in this order are for Roll-Royce end use. Rolls-Royce SABRe and or RRES 90000 quality requirements apply to this order. Review SABRe process documents. <https://suppliers.rolls-royce.com/GSPWeb/appmanager/gsp/quest>  
NDT site and processes must be Nadcap approved.
- 26B FAIR package required per SABRe requirements and AS9102.
- 27B PO's for Hardware and/or Parts to be used for Heroux Devtek the following applies: Additional Requirements detailed in Heroux Devtek Specifications HPS-10 applies to this order.
- 29 GE S1000 Quality System Requirements apply to this order  
GE C64 – Standard Terms and Conditions apply to this order
- 30 UTC / UTAS order: Supplier to meet requirements of ASQR-01, HSM19, and First Article requirements of HSM236  
Form 2 required with this order. As applicable supplier to meet requirements HSM-17 on reports 80 and 85
- 32 Material shall be procured from Laboratory Controlled Source (LCS).
- 33 For Parker End Use – Mechanical Properties – Q410 Foundry Control Clause Applies -  
The laboratory test report or certified statement of the test bar mechanical properties from the foundry control 1<sup>st</sup> Article Castings.  
The test bars used for the mechanical testing shall be from the same melt and heat treat lot as the foundry control 1<sup>st</sup> article castings.  
The testing must be performed by a test facility with Parker Aerospace (ASPL) and Nadcap approval for Materials Testing.  
The test results submitted from a foundry with Nadcap Materials Testing approval are also acceptable.