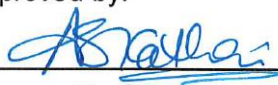




BMS-74-04 RSA Quality Clauses

REVISION RECORD

Date:	Rev:	Description of Change:	Initiator
9/30/2014	N/C	New Procedure	D. Myers
6/24/2015	A	Revised sections 5.1 & 5.2 to remove control plan requirements. Added clauses 50, 51, 52, 53	D. Myers
8/18/2015	B	Amended para 5.3.4 and added 5.3.5	D. Myers
9/14/2015	C	Amended Quality Clause 13 Early Shipment Authority	D. Myers
9/16/2015	D	Amended Quality Clauses: 3, 10 & 39	D. Myers
8/5/2016	E	Note – Rev E was only released to accommodate a Quality Clause change.	D. Myers
10/20/2017	F	Amended Quality Clauses 9,17,27; new 55,56. Removed QA approval of POs in procedure.	S. Hilber
5-31-2019	G	This revision changes Document name: Review of Purchase Orders-Supplier to Quality Clauses, removed section 3, Generation, and approval of supplier P.O., and added reference to BMS-84-02 purchasing, removed clause 45, supplier delegation authority.	S. Hilber
8-12-2019	H	Updated Clause 18 to reflect compliance with ISO17025.	A. Kothari
6-17-2020	J	This revision: added quality Clause 57: Bombardier, revised Quality Clause 18 to reference to ASTM E1417/E1417M Revision Letter “I” was purposely omitted	S. Moran
9-28-2021	K	This revision edited clause 11, limited shelf life	S. Moran

Approved by:  <hr/> Apurva Kothari Director – Program Management and Quality Assurance	Date: <u>09/28/2021</u>
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RSA QUALITY ASSURANCE CLAUSES

The following Purchase Order Quality Assurance Clauses, with their terms and conditions, become an integral part of the Purchase Order. Changes, additions, or deletions to the referenced Quality Clauses must be made by Purchase Order revision. Shipments will not be considered complete and invoices will not be honored until all identified requirements are fulfilled as defined on each purchase order.

1 FLOW DOWN REQUIREMENTS

By accepting and performing work against this Purchase Order, the Supplier agrees to ALL requirements listed on this purchase order. The Supplier also agrees to flow down all requirements listed on this purchase order to the lowest sub-tier supplier.

2 RATED CONTRACTS

This is a rated order certified for Nation Defense. You are required to follow all the provisions of the Defense Priorities and Allocation System Regulation (Reference to: Title 15 Commerce and Foreign Trade Part 700 Defense Priorities and Allocations System. (http://www.access.gpo.gov/nara/cfr/waisidx_07/15cfr700_07.html))

3 QUALITY CONTROL SYSTEM

The seller shall maintain a Quality system that complies with ISO 9001 Quality Management Systems requirements or AS/EN/JISQ 9100 Quality Management Systems – Aerospace requirements. Third party registration by an accredited registrar is preferred. Contractor's declaring compliance to the requirement with no formal accredited registration, may require review. Notwithstanding the provisions of this clause, the seller is in no way relieved of the final responsibility to furnish the supplies or services specified herein. The Contractor's system is subject to review and approval at all times by RSA.

4 INSPECTION / TEST REPORTS

Each shipment must be accompanied by a legible and reproducible copy of reports of actual result identifiable with inspection / test parameters and products submitted. These reports must contain the signature and title of the authorized representative of the agency performing the test and must assure conformance to specified requirements. The inspection / test reports must also be traceable to the Purchase Order and/or the items referenced.

5 SOURCE INSPECTION – RSA

RSA personnel must inspect all items covered by this Purchase Order at your facility prior to shipment. This will include surveillance of the seller's procedures, and facilities. The seller shall furnish, at no cost to Buyer, necessary facilities and equipment, supply data, and perform tests as required by applicable drawings, specifications, and inspection instructions. Note: when requesting source inspection, call RSA Buyer at least forty-eight (48) hours in advance.



6 SOURCE INSPECTION – RSA CUSTOMER / GOVERNMENT

RSA Customer / Government source inspection is required prior to shipment from your plant. Immediately notify the government representative who normally services your plant and the RSA buyer of the planned inspection date. On receipt of this order, promptly furnish a copy of the Purchase order to the government representative who normally services your plant, or, if none, contact the RSA buyer immediately.

7 FINAL ACCEPTANCE

Final acceptance will be based on RSA inspection and testing results at destination.

8 AS9102 FIRST ARTICLE INSPECTION REPORT REQUIRED

If this is the first time this part number is delivered to RSA, the supplier is required to submit a copy of a completed and signed AS9102 First Article Inspection Report (FAIR) with the first shipment. Changes to the engineering drawing or Seller's manufacturing process (including CM software), relocation of equipment, physical relocation of the facility, or an interruption of the manufacturing of the part exceeding 18 months will require a Delta FAIR. Otherwise the completed and signed AS9102 First Article Inspection Report is required to be on file at Seller's facility for those parts referenced on this purchase order. A copy of the FAIR report may be required to be provided to RSA at any time at no extra cost. FAIR's are not required for Commercial off the Shelf (COTS) or catalog parts.

9 SPECIAL HANDLING REQUIRED

The parts sent to your facility for processing may be easily damaged. Handle with care to prevent damage during processing and packaging. Suppliers are to ensure parts are handled in a manner that prevents physical injury and/or bodily harm.

10 RECORD RETENTION — 11 YEARS.

Supplier is required to maintain on file all records pertaining to the completion of this order for a minimum of 11 years.

11 LIMITED SHELF LIFE

If this is a Limited Life item, the Supplier shall ensure that at least 75% of the item's shelf life is remaining upon receipt. Supplier shall ensure that containers are plainly, and legibility marked as to the contents, expiration date, and any warnings, precautions, instructions and storage conditions. Certification for shelf life and conditions are required to be shipped with this order.

12 PURCHASE ORDER CONFLICTS

In the event of any inconsistency or conflict between or among the provisions of this Purchase Order, please contact the RSA Buyer for resolution.

13 AUTHORIZATION TO SHIP EARLY

You are NOT authorized to ship the items referenced on this Purchase order line early. Permission must be gained from the RSA buyer prior to ANY early shipments.



14 NO OVER SHIPMENT ALLOWED

Over shipments against this Purchase Order are expressly prohibited. If Seller wishes to ship extra components than the number required, Contact the Buyer for authorization prior to shipment.

15 SUPPLIER DEVIATIONS / WAIVERS / NON-CONFORMITIES

Requests for deviations must be submitted for approval to Purchasing agent. All affected product shall be segregated and identified. Suppliers will disclose to RSA Purchasing & Quality representatives any material non-conformities detected before or after performed tasks. If the material non-conformity is detected after the parts have been shipped to the RSA facility, a full written disclosure will be issued to RSA by the Supplier.

16 RIGHT OF ACCESS

RSA (the Buyer), the Buyer's Customer, and/or representatives of the Government or any Regulatory Agency reserves the right to review or inspect your quality control and/or manufacturing systems or processes during the performance of this P.O. By accepting this purchase order, you (the Supplier) agree to allow entry to representatives of RSA (the Buyer), the Buyer's Customer, and/or representatives of the Government or any Regulatory Agency to perform this review or inspection.

17 MATERIAL SAFETY DATA SHEETS REQUIRED

Material Safety Data Sheets are required for the product identified on this line of the Purchase Order. Please include these sheets in an envelope that is identified on the outside as the M.S.D.S. sheets with the Packing List. Ensure all employees are familiar with SDS requirements and their importance.

18 CALIBRATION

The contractor's calibration system must be accredited ISO17025 or equivalent. For NDT calibration equipment, calibration house must conform with ASTM E1417/E1417M. All Certifications will state, as a minimum, that all standards used are traceable to the National Institute of Standards and Technology, date of calibration, date of expiration, list those standards used, and the technician's signature.

19 PACKAGING

Packaging must be adequate to ensure parts are suitably wrapped, boxed or racked to protect against shipping damage or corrosion.

20 DOCUMENT CHANGE CONTROL

The supplier shall maintain adequate controls to assure drawing revisions incorporated in Purchase Orders are implemented in a timely manner. Also, the supplier shall notify and obtain approval from RSA where drawing changes have been made later than those listed on the PO.



21 RSA FURNISHED MATERIAL

The supplier shall certify that material used in fabrication is the material furnished by RSA Inc. Certification shall reference RSA Purchase Order of material being supplied.

22 RUBBER PRODUCTS

All rubber products must be packaged per AMS 2817. Cure dates for rubberized product as applicable.

23 M.R.B. AUTHORITY

Material Review Board authority is NOT granted under this purchase order. Any deviations to this purchase order and/or the listed specifications must be coordinated with RSA before shipment. In the event an item being supplied has received MRB disposition from RSA or RSA's customer, the Supplier must include a copy of each MRB disposition with the shipment.

24 TOOL PROOFING

Acceptance of production tooling on this Purchase Order shall be contingent upon inspection and acceptance by RSA. The tooling and dimensional samples produced by this tooling must conform to the tolerance limits of engineering drawings and specifications stated on the Purchase Order. An RSA Quality Representative may conduct this inspection at the Supplier's facilities, or the items may be shipped to RSA for inspection, as directed by the buyer. Dimensional samples should be identified with the tool number.

25 INSPECTION AND / OR PRODUCTION TOOLING

The Supplier is held responsible for the protection, calibration and care other than normal wear, of all Production and / or Inspection tooling furnished by RSA, for use in the performance of purchase order requirements. All tooling shall be subject to RSA surveillance and / or inspection upon notice. Said tooling, or replacement tooling of equal quality, shall be returned in an acceptable condition upon demand or notice.

26 HARDWARE

All hardware items must conform to MIL-S7742 and or MIL-8879 and/or AN, MS, NAS specifications. Any hardware that requires Qualified Products List (QPL) or any other approved source requirement must meet these requirements. RSA will not accept any alternate or substitute products from an unapproved source.

27 PROCESS CHANGES-NOTIFICATION REQUIRED

The Supplier must notify RSA of any proposed changes to items ordered (i.e. materials, processes, etc.) and obtain written approval prior to shipment. The following changes must be communicated with RSA:

- Change in location of facilities or manufacturing equipment. Notification must be prior to relocation and with adequate time (minimum 90 days) for hardware, system, and process re-qualification.
- Change in ownership, name changes, or change in senior company management



- Change in quality leadership, system or controlled processes certification status, including suspensions or disapprovals
- Change in holder of design authority or change in location of the design office (change of CAGE code or NSCM)
- Change to processes, products or services
- Change to their external providers or their manufacturing locations

28 NONDESTRUCTIVE TEST REPORTS

A legible and reproducible copy of actual Nondestructive Test results identifiable with acceptance requirements and material submitted must accompany each shipment. These reports must contain the signature and title of the authorized representative of the agency performing the inspection and must assure conformance to specified requirements.

29 SAMPLING INSPECTION

Sampling inspection may be performed in conjunction with this purchase order. Prior to use, the sampling plan must be submitted and approved by the RSA Quality Control Department. NOTE: The use of a sampling plan in no way effects RSA's right to reject any unit(s) of product found defective.

30 RE-SUBMISSION OF PRODUCT

Reworked product being re-submitted for acceptance shall reference previous PO, Material Review Rejection document (MRR) on new certificate of compliance.

31 APPROVED SOURCE

The Supplier shall use only those sources of goods or services that have been approved by RSA.

32 APPROVED SOURCE – RSA CUSTOMER.

The Supplier shall use only those sources of goods or services that have been approved by the RSA Customer. These sources are found on the Customer's Approved Supplier List available from the buyer.

33 LOT CONTROL – MIXED LOTS

The Supplier may furnish material from different heats, lots or batches, as applicable. Where shipments contain parts with different cure dates or are from different heats, lots or batches, sub-lot separation with a separate certification for each sub-lot is required.

34 LOT CONTROL – SAME LOT

All items on this purchase order are to be from the same manufacturing/processing lot and shall bare the same Lot code identity. The Supplier shall state that the items are from the same lot on the Certification of Conformance.

35 CERTIFICATE OF COMPLIANCE

The Supplier shall submit with each shipment, a Certificate of Compliance, stating products shipped against this P.O are in compliance with Purchase Order requirements. The certificate shall include as a minimum:

1. Name and Address of the Supplier.
2. RSA purchase order number & revision if applicable.
3. Date the Certificate of Conformance was issued.
4. Part number, description and revision letter.
5. RSA Customer part number and revision if referenced on the purchase order.
6. Specification, number and revision letter of each process including type, grade, class and acceptance criteria.
7. Quantity of parts (to include quantity accepted/rejected/lost).
8. Signature and title of authorized quality agent of seller.
9. Aircraft Type which component is used (If referenced on the Purchase Order)
10. The RSA Customer tag or other identifying nomenclature if listed on the Purchase Order.
11. Any information referencing any deviations, required by the engineering drawing/model and/or specification must be referenced on the certification.
12. Lot number, heat number, etc. as applicable
13. When parts are serialized, serial numbers must appear on the certification.

36 METALS

By accepting this order, you certify that the metals supplied under this purchase order were melted in the United States or a qualified country as defined in DFAR 252.225-7009.

If this is a Specialty Metal as defined in DFAR 252.225-7009, you must supply certifications that the metal has been domestically melted. Certifications from the melt source must be supplied with each shipment (see clause 37).

37 RAW MATERIAL CERTIFICATION

The supplier shall submit a Certificate of Conformance from the producing Mill, listing:

1. Part Number (if provided on our Purchase Order).
2. Material Specifications and revisions (AMS6532 & MIL-STD-2154, Type 1, Class AA).
3. Material trade name or common name within the Industry (i.e. "Aermet 100")
4. Heat Lot #
5. Laboratory test specifications and results.
6. Chemical and Physical properties.
7. Country where melted.

38 GOODRICH COMPLIANCE

The supplier shall comply with Goodrich Document 200 (approved processors) and Document 300 (Supplier Quality Requirements) latest revision.

39 LOCKHEED MARTIN AERONAUTICS COMPLIANCE

The supplier shall comply with:

- Lockheed Approved Processors requirements outlined in the QCS-001 that is located at: <https://sqm.lmaeronautics.com> (Key control/F for a Search function) and
- Lockheed Quality Requirements (reference to Appendix QJ) located at: <http://www.lockheedmartin.com/aeronautics/materialmanagement> - At the left side of this website select Quality Requirements and click on Quality Appendices to see and connect to the latest revision of Appendix QJ.
- Lockheed Approved Special Process Sources (reference to Appendix QX) located at: <http://www.lockheedmartin.com/aeronautics/materialmanagement> - At the left side of this website select Quality Requirements and click on Quality Appendices to see and connect to the latest revision of Appendix QX.

APPENDIX QX - 1.3 COUNTERFEIT PARTS / MATERIAL PREVENTION (A-D):

The Seller shall establish and maintain a Counterfeit Parts / Material Prevention and Control Plan using AS-5553 (Ref. elements of Section 4) and/or AS6174 (Ref. elements of Section 3) to ensure that Counterfeit Work is not delivered to Buyer. The purpose of Seller's Plan shall be to develop a robust process to prevent the delivery of counterfeit commodities and control commodities identified as counterfeit. [Notice: AS-5553 and AS6174 have a link on the Supplier Portal Document Library]

a) For purposes of this clause, Work consists of those commodities delivered under this contract that are the lowest level of separately identifiable items (e.g., articles, components, standard hardware, goods, raw materials and assemblies). "Counterfeit Work" means Work that is, or contains, items misrepresented as having been designed and/or produced under an approved system or other acceptable method. The term also includes approved Work that has reached a design life limit or has been damaged beyond possible repair, but is altered and misrepresented as acceptable.

b) The Seller shall only purchase products to be delivered or incorporated as Work to Buyer directly from the Original Component Manufacturer (OCM)/Original Equipment Manufacturer (OEM), OCM/OEM authorized distributor chain, Aftermarket Manufacturer, or Authorized Reseller.

These products shall have verification that Work is traceable to OCM/OEM; OCM/OEM authorized distributor chain, Aftermarket Manufacturer, or Authorized Reseller that identifies the name and location of all the supply chain intermediaries from the part manufacturer to the direct source of the product for RSA. Work can only be acquired from independent distributors or brokers in cases of diminishing material supply (DMS) or obsolescence and shall be subjected to a screening process appropriate to the commodity in accordance with the Counterfeit Parts / Material Prevention and Control Plan.

If traceability is not obtainable, written notice shall be provided to RSA's Supplier Quality Engineer and Buyer prior to delivery with records of evidentiary tests and inspections performed and conformance of the product to specified acceptance criteria that ensures verification activities taken to assure authenticity. Written notice is not required for raw



material and standard hardware purchased from independent distributors or brokers, but products must be able to provide commodity level traceability to the Original Manufacturer.

c) Seller shall notify RSA's Supplier Quality Engineer and Buyer in accordance with 2.2 with the pertinent facts if Seller becomes aware or suspects that it has furnished Counterfeit Work. Seller shall provide to RSA's Supplier Quality Engineer and Buyer, upon request, the supply chain traceability to an Original Manufacturer or authorized distributor chain that identifies the name and location of all the supply chain intermediaries from the part manufacturer to the direct source of the product for the Seller.

d) Seller shall include this clause or equivalent provisions in lower tier subcontracts for the delivery of items that will be included in or furnished as Work to Buyer. Sellers eligible for utilization of the Government-Industry Data Exchange Program ("GIDEP") shall utilize the GIDEP process to alert the industry of encountered counterfeit parts.

4. LMAERO quality requirement communications (i.e.: supplier alerts, supplier disclosure letters and corrective actions) that have been flowed down by RSA and supply feedback of any issues or escapes.

40 FOREIGN OBJECT CONTROL REQUIREMENTS

All materials, parts and assemblies will be protected from the intrusion of foreign debris defined as: a substance, debris or article alien to the system or product which would potentially cause damage. Foreign object damage is any damage attributed to a foreign object that can be expressed in physical or economic terms that may or may not degrade the product's required safety and/or performance characteristics.

41 TRACEABILITY IDENTIFICATION

The supplier shall identify "All" materials with the appropriate lot traceability numbers. This will be accomplished using a painted stencil, rubber stamp or Sharpe pen as applicable or defined by the supplier. Each Piece of material is required to have individual Lot marking.

42 GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (GIDEP) NOTIFICATION

Applicable to military contracts only.

As a member of GIDEP, RSA may post a report on the GIDEP website (<https://gidep-data.gidep.org/link/database>) for the purpose of identification and notification of actual or potential problems on nonconforming parts, components, materials, manufacturing processes, test equipment, chemicals or computer software.

43 INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR)

Applicable to military and dual application contracts only.

The technical data herein provided is subject to export control under the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR). Such data should not be disclosed, exported or transferred in any manner to any foreign person or any

foreign country without prior written approval of the Office of Defense Trade Controls, U.S. Department of State or the Bureau of Industry and Security, U.S. Department of Commerce.

44 FAR 52.245-1 (FEDERAL ACQUISITION REGULATION) GOVERNMENT PROPERTY CLAUSE

Link to this Government Clause: 52.245-1 Government Property. The Sub-tier is directly responsible and accountable for all Government-furnished property per the requirements of FAR 52.245-1 https://www.acquisition.gov/far/html/52_245.html

45 SUPPLIER DELEGATION AUTHORITY

Clause Removed

46 COUNTERFEIT MATERIAL

ASSURING ACQUISITION OF AUTHENTIC & CONFORMING MATERIEL

Supplier shall have a counterfeit parts avoidance, detection, mitigation, and disposition program meeting the requirements of Aerospace Standard AS5553 for electronic parts and assemblies and AS6174 for all other non-electronic products. DFAR 252.246-7007 - (Contractor Counterfeit Electronic Part Detection and Avoidance)– DFAR 252.246-7008 - (Sources of Electronic Parts) Seller shall only deliver authentic components, devices, pieces, material, modules, assemblies, subassemblies, goods, etc. that are manufactured by or obtained from original equipment manufacturers (OEMs), original component manufacturers (OCMs), or authorized distributors. Supplier must provide RSA documentation that authenticates and provides traceability of the Parts to the applicable OEM or OCM.

47 ROLLS ROYCE REQUIREMENTS

All suppliers are required to meet SABRe A1.1. sub tier along with being assessed on a routine basis and monitored for performance requirements.

48 DIGITAL PRODUCT DEFINITION REQUIREMENTS (DPD)

The supplier must meet the minimum requirements of WI-85-01-2 Digital Product Definition procedure and may be required to meet Boeing D6-51991. This includes performing self-assessments and audits to verify compliance at pre-arranged intervals. Changes to any DPD related processes must be communicated with RSA within 30 days.

<http://www.boeingsuppliers.com/supplier/D6-51991.pdf>

49 CESSNA REQUIREMENTS

Cessna Quality Requirements for Suppliers "CQRS" flows down the quality system requirements, Code of Federal Regulation and Federal Aviation Regulation (FAR) 21.137 and defines Cessna's additional quality requirements. It also advises suppliers that their quality system, facilities, and those of any sub-tier supplier are subject to site evaluations by RSA, Cessna, Cessna customers and regulatory agencies. https://supplier.cessna.com/cgi-bin/technical/cessna_std.pl

50 SPECIAL PROCESSORS NADCAP APPROVALS

The supplier shall utilize Nadcap-approved special processors to perform special processes as defined by Nadcap (primarily codes CP for chemical processes and HT for heat treating). Nadcap-approved special are listed at : <https://www.eauditnet.com/eauditnet/ean/user/login.htm>



51 NO SAMPLING INSPECTION ALLOWED: 100% INSPECTION REQUIRED

52 HONEYWELL FLOW DOWN REQUIREMENTS:

Suppliers shall comply with Honeywell Supplemental Purchase Order Conditions Manual (SPOC)
Suppliers may access the manual via the Aerospace
Supplier Portal (ASP): <https://www.supplier.honeywell.com>
Cage Codes: 70210 & 99193

53 UTC (HAMILTON SUNSTRAND) FLOW DOWN REQUIREMENTS

All inspection and quality requirements shall be in accordance with the current revision of ASQR-01, HSM17 & ASQR-09.2 UPPAP requirements. Articles are for UTC (Hamilton Sundstrand) “end use”. <http://www.utc.com/Suppliers/Pages/Aerospace-Supplier-Quality-RequirementDocuments.aspx>

54 BOEING FLOW DOWN REQUIREMENTS:

All special processing shall be performed at Boeing approved source(s) which can be verified on the D1-4426 Approved Processor Listing
<http://active.boeing.com/doingbiz/d14426/GetAllProcessors.cfm>

55 QUALIFICATION OF WORK FORCE

Suppliers are expected to utilize appropriately qualified individuals when performing work for RSA. Suppliers should promote a philosophy that every individual in the organization plays a role in ensuring the supplier provides quality products and/or services that conform to RSA standards. If suppliers need the support of sub-tier suppliers, they will assure the same requirements for competency exist and will assure all appropriate documentation is retained.

56 ETHICAL BEHAVIOR

Suppliers are expected to conduct their business in an ethical manner in all interactions with RSA and hold their workforce accountable for ethical behavior as well. RSA may request training documentation to verify ethical expectations are being communicated to the workforce. Suppliers will assure their employees are aware of their contribution to product or service conformity.

57 BOMBARDIER FLOW DOWN REQUIREMENTS:

All inspection and quality requirements shall be in accordance with the current revision of QD 4.6-40, The supplier must maintain Quality records including, but not limited to, Quality and Engineering records/data. The records must be retained for a period of not less than (10) years from completion of purchase order unless otherwise specified in the Contract.