



SITE SPECIFIC SUPPLIER QUALITY REQUIREMENTS B/E AEROSPACE Seating Products Group (SPG)

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REVISION HISTORY

Rev.:	Description:	Approvals:	Date:
A	Initial release.	See Cover Page	02/2016
B	Section 10.4.4.4 SPG-MPS-079 amended Section 11.2 Certificate of Conformance revised Section 11.6 Acceptance Sampling rewritten Section 11.8 Delegation of Product Verification added Section 11.9 Operator Self Verification added Section 17 Provisions for Direct & Drop Shipment revised Section 22 FOD revised	See Cover Page	06/2016
C	Section 10.5.4 FAA-PMA Markings amended Section 17 Provisions for Direct and Drop Shipment Amended Section 11.8 Delegation of Product Verification removed	See Cover Page	02/2017
D	Revised Scope in Section 1; Added section 10.11, Acceptance Authority Media (AAM) and added to Table 1, Section 11.2 Certificate of Conformance revised, added location of AC21-49, Added section 9.1 for AS9100 D flowdown for employee awareness, and added to Table 1.	See Cover Page	06/2017
E	10.4.1.1 Additional information added on FAI 2 year lapse 11.2 Clarification on 80% shelf life up on goods receipt. Reference to Electronic signatures added. Drawing number and revision detail clarification. Addition of reference to COTS parts. 11.6 Added recommendation for ongoing material and plating testing	See Cover Page	11/2018
F	Added Seating Operations Fairchild (4002) to site applicability Added Collins Aerospace proprietary disclaimer Updated Site Approvers	See Cover Page	08/2019
G	Header Updated Kilkeel Plant Code 4501 in Procedure No header 1.0 Added a cross reference from site name to plant code 2.0 Added reference to documents also being located on RCH Portal Updated Site Approvers & adding David Quin	See Cover Page	07/2021
H	Updates relating to alignment with Boeing PO Q notes 7.2 Added requirement on record retention and notification 10.5.3 Added ref to intentionally fraudulent behavior 11.6 updated SAE reference document to AS9138 17 Added requirements for information on the packaging sheet 22 Removed Reference to Boeing D6-85622 FOD document and added AS9146 requirement	See Cover Page	02/2022



PROCEDURE NO: BE-PUR-P7.4.3 Appendix B (Plant Codes 4001, 4002, 4501)
TITLE: Site Specific Supplier Quality Requirements, SPG
REVISION: J
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J	<p>List of approvers updated:</p> <ul style="list-style-type: none">• Steven Horner replaced by Stephen Ross.• Dawn Charleston added.• Simon McCartan added. <p>11.2 - C of C requirements updated to add PDV/PDR number and remove duplications from main document.</p> <p>10.1.1.1 Supplier change section updated as per Airbus TDCA requirement.</p>	See Cover Page	11/2022
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Table of Contents

1.	PURPOSE.....	5
2.	SCOPE	5
3.	APPLICATION (<i>same as Corporate</i>).....	5
4.	REFERENCE DOCUMENTS.....	5
5.	TERMS AND DEFINITIONS.....	5
6.	GENERAL QUALITY SYSTEMS REQUIREMENTS (<i>No Additional requirement</i>).....	6
7.	DOCUMENTATION REQUIREMENTS (<i>No additional requirement</i>).....	6
8.	MANAGEMENT RESPONSIBILITY	6
9.	RESOURCE MANAGEMENT (<i>No additional requirement</i>).....	7
10.	PRODUCT REALIZATION.....	7
11.	MONITORING AND MEASURING	10
12.	REGULATORY REQUIREMENTS (<i>No additional requirement</i>).....	12
13.	SUPPLIER DESIGN DATA: (<i>Additional requirement</i>):	12
14.	ELECTRONIC ASSEMBLIES (<i>Additional requirement</i>):.....	12
15.	CAST PARTS (<i>Additional requirement</i>):.	12
16.	COMPOSITE ASSEMBLIES (<i>Additional requirement</i>): TBD	12
17.	PROVISIONS FOR DIRECT AND DROP SHIPMENT (<i>Additional requirement</i>):	12
18.	NO SHORT/PARTIAL SHIPMENT (<i>Additional requirement</i>):	12
19.	NO SUBSTITUTIONS (<i>Additional requirement</i>):.....	12
20.	UNAPPROVED PARTS – DETECTION AND REPORTING (<i>Additional requirement</i>):	13



1. PURPOSE

To define B/E Aerospace, SPG site-specific Supplier Quality Requirements. Applies to the Winston Salem Aircraft Seating Section suppliers (Plant 4001-Winston Salem Oak Plaza, West Point, Plant 4002 Fairchild (SOF) and Plant 4501 Kilkeel, N Ireland) facilities.

All top level Corporate Supplier Quality Requirements in **BE-PUR-P7.4.3** are applicable unless modified by the clauses stated herein.

2. SCOPE

This appendix is valid as a complete document when used in conjunction with the top-level corporate document **BE-PUR-P7.4.3**. The Corporate document, Site-specific Appendices, and other applicable specifications, forms, and documents are available on the B/E Aerospace Corporate website: <http://mps.beaerospace.com> or on the RCH Supplier Portal. The documents in these locations must be updated when this document is amended.

The B/E Aerospace Quality Management Representative may issue customer-specified suppliers who do not show compliance with these requirements a waiver.

Clause applicability:

Clauses indicated by text “*Additional requirement*” at the beginning of the section define additional requirements to the corresponding section of the **BE-PUR-P7.4.3** document.

Clauses indicated by text “*Requirement superseded*” are replacing the text in the corresponding sections of **BE-PUR-P7.4.3** document.

Clauses indicated by text “*No additional requirement*” at the beginning of the section mean there are no additional requirements to the relevant sections of **BE-PUR-P7.4.3** document.

3. APPLICATION *(same as Corporate)*

3.1 Use of Table 1*(Additional requirement)*: The PO will identify the supplier of purchased part/material/service by “Supplier Type” number(s) 1 – 12. The supplier will reference Table 1 to determine which clauses of this appendix apply by type code(s).

Note: If the PO does not include a supplier type number or individually list all applicable clauses, supplier must contact the buyer for instructions. Every part procured by B/E has a minimum set of quality clauses that flow to the supplier by way of the PO.

Example: A PO for cushions would be coded with supplier type code 6. All but five of the clauses contained in this appendix and listed on Table 1 would apply.

4. REFERENCE DOCUMENTS

The following reference documents are, in whole or in part, additions to the listing provided in the corporate level procedure.

AC 21-29	Advisory Circular - Detecting and Reporting Suspected Unapproved Parts
BE-PUR-P7.4.3	B/E Aerospace Enterprise Wide Supplier Quality Requirements

5. TERMS AND DEFINITIONS

SPG	Seating Products Group, Headquartered in Winston-Salem, North Carolina. Production facilities located in Winston-Salem, NC, Kilkeel, N. Ireland.
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Supplier Type Suppliers are classified as a function of the type of parts and or services they provide. A supplier can have multiple/combo type codes. There are 12 type codes.

6 GENERAL QUALITY SYSTEMS REQUIREMENTS *(No Additional requirement)*

6.1 Right of Entry *(No Additional requirement)*

6.2 Significant Changes to Supplier Operations *(Additional requirement)*: The Supplier shall immediately notify B/E Aerospace of any change to the Supplier's operations that may affect the quality and/or delivery of the materials, components or articles. The changes include, but are not limited to:

- Moving Manufacturing Facility
- Change in Company Ownership
- Change in Quality Management
- Change in Sub-tier Suppliers
- Significant Changes in Quality Management System.
 - Loss of or changes to ISO 9000/AS9100 or other appropriate certifications
 - Change in Registrar
 - Change in Quality Manager
 - Major changes to the Quality Manual or Procedures

7 DOCUMENTATION REQUIREMENTS *(No additional requirement)*

7.1 Control of Documents and Data *(No additional requirement)*

7.1.1 MPS Database *(No Additional requirement to P7.4.3 section 7.1.1)*

7.1.2 BSP *(No Additional requirement to P7.4.3 section 7.1.2)*

7.2 Control of Records

At the expiration of the required record retention period and prior to any disposal of records, The Supplier will notify Collins Aerospace of records to be disposed of and Collins Aerospace reserves the right to request delivery of such records. In the event Collins Aerospace chooses to exercise this right, The Supplier shall promptly deliver such records to Collins Aerospace at no additional cost on media agreed to by both parties.

7.2.1 Altering Data on Documents *(Additional requirement)*: The Supplier shall not use any method to correct or otherwise alter the original data on certifications, test reports, or other quality documents that would result in the data becoming obliterated or unreadable. Prohibited methods include but are not limited to; write-over, whiteout, erase, etc. Corrections shall be made by drawing a single line through the data, initialing, and dating by authorized personnel.

7.2.2 Access to Supplier 3rd Party Audit Information *(Additional requirement)* the supplier shall permit B/E Aerospace to access historical 3rd Party audit information where available (e.g. Oasis)

8 MANAGEMENT RESPONSIBILITY

8.1 Quality Management System Planning *(No additional requirement)*

8.2 Responsibility, Authority and Communication *(No additional requirement)*

8.2.1 Advance Quality Planning *(Additional requirement)*: The seller shall submit AQP progress reports at intervals established by buyer. Reports will include at a minimum the following sections: design review updates, prototype/testing activities, status of specific quality initiatives/controls to address perceived problems/risks, and summary of tool validation process.



9 RESOURCE MANAGEMENT *(No additional requirement)*

9.1 *(Additional requirement)* **Employee Awareness:** Sellers are required to ensure that all personnel (employees and contracted) are aware of their contribution to product conformity, safety and the importance of business ethics in the conduct of their work.

10 PRODUCT REALIZATION

10.1 Planning of Product Realization *(No additional requirement)*

10.1.1 Configuration Management *(No additional requirement)*

10.1.1.1 Change Notification *(Additional requirement):* The Supplier shall notify B/E Aerospace of any **revision** changes to Sub-tier proprietary designs, drawings, specifications, materials or manufacturing processes used in components or articles for B/E Aerospace **using ASQR-01 Form 2 or equivalent form.**

10.1.1.2 Use of PDR *(Additional requirement):* Supplier requested Deviations are to be submitted to the respective buyer using the Product Deviation Request form. Instructions for use of PDR provide separately. No deviation/unapproved change(s) are to be implemented without first receiving the appropriate approval from SPG.

10.1.1.3 Adherence to ARP-6448 *(Additional requirement):* B/E SPG complies with AC21-49 option 7b (latest revision may be found on faa.gov). Accordingly, suppliers of electrical parts shall adhere to initial data submittal and subsequent change reporting process as defined in ARP-6448. Electronic Manufacturer Component Data (EMCD) and Electronic Manufacturer Notice of Changes (EMNOC) will be submitted/processed via the SPG Pro-View system.

10.1.2 Control of Work Transfers *(No additional requirement):* Supplier will notify B/E if work is transferred to a third party or if there is a change in sub-tier work allocations. The Supplier shall inform B/E Aerospace of any sub-contract work outside of the USA. This includes the procurement of raw materials.

10.2 Customer Related Processes *(No additional requirement)*

10.3 Purchasing

10.3.1 Purchasing Process *(No additional requirement)*

10.3.2 Purchasing Information *(No additional requirement)*

10.3.3 Verification of Purchased Product *(No additional requirement)*

10.4 Production and Service Provision *(No additional requirement)*

10.4.1 Production Process Verification *(No additional requirement)*

10.4.1.1 Electronic FAIR submittal: *(Additional requirement):* Supplier will create AS9102 compliant FAI reports/documents.

- FAI package and submittal requirements will be IAW SPG-QA-P7.5.1 and the supplier assigned FAI level.
- Delegated suppliers are exempt from FAI submittals. See buyer for delegation status.



- FAI samples shall be made using production tooling.
- When FAI samples are required (dress covers) two fully conformed sets along with applicable material and process certifications will be provided
- Suppliers are instructed to contact their procurement agent if there has been a 2 year lapse in production which is measured from the completion of last production operation to restart of production.
 When B/E Aerospace is contacted by the supplier to communicate that production is resumed after a 2 year lapse, the B/E Aerospace Quality Associate will manually update the QIR to REQD and the procurement agent will then update the Purchase Order to reflect the FAI requirement, PO code RC-28

10.4.1.2 Use of NET-INSPECT (Additional requirement): FAI data will be submitted using the Net-Inspect application.

10.4.1.3 Catalog/COTS parts (Additional requirement): Supplier of catalog/COTS parts will provide the catalog page or similar technical data/drawing with each delivery in support of conformity evaluation. Any changes to the Catalog/COTS part will be noted.

10.4.1.4 Compliance to B/E SPG Manufacturing Specification SPG-MPS-079 for all nonmetallic items (Additional requirement): SPG-MPS-079 defines flammability certification methods and on-going flammability compliance requirements. Supplier shall demonstrate on-going flammability compliance by providing a flammability test certificate with parts in accordance with SPG-MPS-079, or Supplier shall implement a B/E Aerospace approved On-Going Conformity Program in accordance with SPG-MPS-079, Section 6. When a Supplier elects to substantiate on-going compliance by way of a On-Going Conformity Program the following conformity statement is required with all deliveries:

FLAMMABILITY CERTIFICATION OF CONFORMANCE

SUPPLIER NAME certifies that PN _____ Rev _____,
 DOM/LOT _____,
 PO _____ Line _____,
 is compliant to B/E SPG-MPS-079 and/or other flammability requirements stated on the drawing. In lieu of a part/lot specific test certification we verify the applicable process controls were in effect to ensure part(s) meet flammability requirements as originally certified.

Authorized QA Representative: _____
 Date of Certification: _____

10.4.1.5 Compliance to B/E SPG Manufacturing Specifications SPG-MPS-082 for composite parts. SPG-MPS-082 pertains to composite parts that are considered structural. On-going compliance requirements are also defined. This would include shells, panels, and frame sections. *(Additional requirement)*

10.4.1.6 Nondestructive Examination Records (Additional requirement): If required by drawing or specification, submit with each shipment, one (1) reproducible record of nondestructive test results. Test reports shall conform to the requirements stated in applicable test specification. As a minimum, the report shall indicate:

1. Date tested



2. Name of testing organization
3. Buyer P.O. number
4. Drawing number and revision
5. Specification number and revision
6. Quantity and serial numbers or lot numbers
7. Actual NDE stamp/Signature of operator who performed work
8. Results of test

10.4.2 Control of Production Process Changes *(No additional requirement)*

10.4.3 Post Delivery Support *(No additional requirement)*

10.4.4 Validation of Processes for Production and Services *(No additional requirement)*

10.4.4.1 Embrittlement Relief *(Additional requirement):* Where embrittlement relieve is required, a copy of the oven chart must be maintained and available on request per BE-PUR-P7.4.3 section 7.1.2. The chart shall show the time necessary to reach a specified temperature and duration of bake was appropriate. A record shall be maintained stating the actual time between the final plating process and the time the oven reach specified bake temperature.

10.4.4.2 Magnetic Particle Inspection *(Additional requirement):* Track studs or other seat – to – aircraft load bearing parts (as defined by design) are subject to 100% magnetic particle inspection by the supplier. No crack or detectable defect is allowed. Test data to be supplied with each delivery.

10.4.4.3 No Regrind *(Additional requirement):* for all plastic parts, no amount of regrind is allowable. Any exception must be authorized in writing by B/E certification.

10.5 Identification and Traceability

10.5.1 Traceability *(No additional requirement)*

10.5.2 SPG-QA-P8 *(Requirement superseded):* QA procedure for “Product Identification and Traceability” apply

10.5.3 Acceptable Signatures

Seller’s shall ensure that stamp recipients or those applying acceptance signatures shall not make any fraudulent, intentionally false, or misleading statement in any record or report. Nor shall they apply pressure or condone this behaviour in others.

10.5.4 FAA-PMA Markings *(Additional requirement):*

No part delivered to SPG shall contain any Federal Aviation Administration - Parts Manufacturer Approval (FAA-PMA) markings, and the accompanying documentation (e.g., packages, shippers, etc.) shall not contain any FAA-PMA notifications or labeling.

10.6 Customer Property *(No additional requirement)*

10.7 Preservation of Product *(No additional requirement)*

10.8 Control of Monitoring and Measuring Equipment *(No additional requirement)*



10.8.1 Calibration (*Additional requirement*) The Supplier shall ensure that all monitoring and measuring devices (i.e., inspection equipment, tooling used as Media-of-Inspection, gages, digital media, testing equipment, etc.) used for acceptance of B/E Aerospace materials, components and/or articles are periodically verified against measurement standards which are traceable to the National Institute of Standards and Technology (NIST) or National or International comparable measurement standard. Calibration process and record administration will be done in accordance with AS9100 sections 4.2.4 and 7.6.

10.9 Process Control Plan (*Additional requirement*): B/E Aerospace reserves the right to require a process control plan, including inspection steps identified. The process control plan is subject to approval by B/E Aerospace.

10.10 Digital Data (*Additional requirement*): Where applicable, the Supplier shall have a documented process for the control of digital data used for the purpose of design, manufacture, or inspection of materials, components or articles. The document shall state adequate controls for:

- Verifying the integrity of digital data transfers (translation)
- Storage and maintenance of the digital data
- Security (limited access) of the digital data
- Traceability of all derivative data back to the original digital data
- Effective control and management of changes (including digital data provided to sub tiers).

10.11 Acceptance Authority Media (AAM) (*Additional requirement*): Suppliers shall comply with the AS/EN/JISQ 9100 requirements and 14CFR Part 21.2 regarding the application of the Acceptance Authority Media (AAM) requirements and shall document such requirements within its Quality Management System (QMS). Suppliers shall maintain compliance to the AAM requirements by assessing its process as part of internal audit activities.

11 MONITORING AND MEASURING

11.1 B/E Source Inspection Costs (*Additional requirement*): If Source Inspection is performed by B/E Aerospace, the cost associated with the Source Inspection may be charged back to the Supplier. B/E Aerospace will provide the Supplier with a detailed cost breakdown of the Source Inspection. Third Party Source Inspection at the Supplier's expense may also be levied. In this case, the Supplier will be responsible for payment directly to the Source Inspection agent.

11.2 Certificate of Conformance (*Additional requirement*): [The following lists additional requirements to those listed in BE-PUR-P7.4.3:](#)

- ✓ Cure date and a statement that a minimum of eighty percent (80%) of shelf life is remaining upon receipt (applicable to materials, components or articles subject to shelf life requirements) Receipt will be at point of delivery into B/E Aerospace facility for vendor arranged shipping and point of pick up for B/E Aerospace arranged shipping.
- ✓ [Any B/E approved deviations from Engineering specification \(i.e. PDV/PDR number\)](#)

Certificate of Conformance Instructions:

- Requirements for catalogue/ COTS parts C of C is detailed in section 10.4.1.3
- 3PL (Third Party Logistics) Suppliers shall provide the Component Supplier/Manufacturer Certificate of Conformance (or copy) and any other applicable Certificates with all deliveries. 3PL Supplier shall ensure that lot/batch traceability is maintained between all delivered components and the respective Supplier/Manufacturer Certificate of Conformance and any other applicable Certificates.



PROCEDURE NO: BE-PUR-P7.4.3 Appendix B (Plant Codes 4001, 4002, 4501)
TITLE: Site Specific Supplier Quality Requirements, SPG
REVISION: J
ISSUE DATE: Nov 2022

- All Suppliers, including SMI (Supplier Managed Inventory) Suppliers shall ensure that lot/batch traceability is maintained between delivered components and the respective Certificate of Conformance and any other applicable Certificates.

11.3 Control of Nonconforming Product: *(No additional requirement)*

11.3.1 Submittal of Nonconforming Product *(No additional requirement)*

11.3.2 Notification of Delivered Nonconforming Product: *(No additional requirement)*

11.3.3 Nonconforming Product Discovered at B/E Aerospace: *(No additional requirement)*

11.3.3.1 Charge Back *(Additional requirement):* B/E Aerospace shall charge back the cost associated with a verified nonconformance caused by the Supplier not documented on a B/E Aerospace approved deviation/concession. B/E will provide the Supplier with a detailed cost breakdown associated with the nonconformance.

11.3.4 Product Field Failure or Malfunction *(No additional requirement)*

11.4 Corrective Action *(No additional requirement)*

11.5 Materials Acceptance Authority *(Additional requirement):* The Supplier shall have no authority to accept materials, components or articles on behalf of B/E Aerospace unless the Supplier has been issued a formal letter granting such authority from B/E Aerospace Quality.

11.6 Acceptance Sampling *(Additional requirement):* Supplier shall perform 100% inspection for in-process and final inspection or Supplier shall conform to the Acceptance Sampling requirements stated herein. Acceptance Sampling (statistical product acceptance) of parts and assemblies is authorized (except where prohibited by drawing or specific PO note) provided the Supplier and its Sub-Tier Suppliers have a documented process in place that meets the requirements of AS9138 "Aerospace Series – Quality Management Systems Statistical Product Acceptance Requirements" as may be amended from time to time. The requirements of sections in AS9138 shall be satisfied when the methods referred to in these sections are employed by the Supplier for acceptance of product. With the exception noted herein Seller's statistical sampling procedure/plan conformance to AS9138 with minimum protection levels meeting SAE AS9138 Table A1 and C=0 will constitute Boeing Quality approval subject to restrictions noted in AS9138, Section 4.3 Safety/Critical Characteristics, and part/product Design Data sampling requirements and/or prohibitions. When Acceptance Sampling is operated, Supplier is not relieved of its obligations under this contract. Aerospace documents such as AS9138 can be obtained from SAE International at: <http://standards.sae.org>. Boeing documents such as D1-8007 can be obtained from your buyer.

It is recommended that vendors carry out plating integrity testing and raw material composition testing. It is recommended that an independent resource periodically test for these properties. Many vendors have extensive laboratory testing in house, especially for plating. The MPS for plating, etc., specifies extensive test requirements for chemical analysis, adhesion, salt spray, etc.

11.7 Key Characteristics *(Additional requirement):* All Key Characteristics identified in the materials, components and articles technical requirements documents (i.e., Engineering Drawing, Parts Lists, Specifications, Purchasing Documents, etc.) shall be 100% inspected or require a Statistical Process Control Plan. The Supplier's Statistical Process Control Plan is subject to review by B/E Aerospace at any time.

11.8 Operator Self Verification *(Additional requirement):* The Supplier and its Sub-Tier Suppliers shall not operate Operator Self Verification of product. Operator Self Verification is verification



that a product conforms to all applicable requirements by the individual who produced the product. Product Verification shall be independent of the manufacturing process.

12 REGULATORY REQUIREMENTS (*No additional requirement*)

- 12.1** Supplier to provide a statement regarding the product's compliance to Restriction of Hazardous Substances ("RoHS") directives 2002/95/EC, 2011/65/EU, and all applicable amendments. This statement must be directly traceable to the shipped product (i.e. via shipment list, lot number(s), etc.) Identification of RoHS compliance will be made in addition to, not in place of, applicable material traceability requirements.
- 12.2** REACH regulation (Registration, Evaluation and Authorization of Chemicals) is a gradual introduction of environmental obligations. Suppliers are required to assist B/E in the registration and accounting of certain substances used in the production of articles we export to Europe.

13 SUPPLIER DESIGN DATA: (*Additional requirement*): SPG-MPS-102 "Requirements for Vendor Submitted Data" apply. This MPS defines the necessary process for the submittal and approval of design documents created by the supplier for components for which B/E has provided a top level specification but contracts with a supplier to define the design.

14 ELECTRONIC ASSEMBLIES (*Additional requirement*): The Supplier shall have an established and documented process that implements/controls:

- Electrostatic Discharge (ESD) practices as applicable.
- Training programs that ensure all technicians are qualified to applicable industry standards regarding soldering, assembly, testing, etc. of components and harnesses.
- The use of lead free or tin-based solder which may be prohibited per spec or drawing. Certification of compliance is required.

15 CAST PARTS (*Additional requirement*): Supplier must notify B/E when cast part(s) are used in the article delivered to B/E. FAA requires B/E verify that any part that is cast or has a cast component is properly identified as critical or noncritical per 25.621 and that a corresponding cast factor and inspection requirements are defined in the design. Each C of C will confirm the applicable inspection requirements were performed.

16 COMPOSITE ASSEMBLIES (*Additional requirement*): TBD

17 PROVISIONS FOR DIRECT AND DROP SHIPMENT (*Additional requirement*):

Direct/Drop shipments to B/E Aerospace customers or suppliers are prohibited unless specifically defined and approved by B/E Aerospace.

Effective 31st August 2017. Those suppliers approved by B/E Aerospace to ship product direct to Boeing shall place the following statement on the shipping documentation: "Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700 and no articles (or constituent parts thereof) or the accompanying paperwork (e.g., packages, shippers, etc.) contain any Federal Aviation Administration- Parts Manufacturer Approval (FAA-PMA) markings." The required location of the statement is on the shipping document, following the certificate of conformance (C of C). The statement may be printed, stamped or attached as a label or sticker to the shipping documentation. It is permissible to replace the word "Seller" with the company name. The Supplier must provide a statement on the packing sheet certifying its quality assurance department has inspected the parts and they adhere to all requirements, applicable drawings/specifications.

18 NO SHORT/PARTIAL SHIPMENT (*Additional requirement*): No partial shipments are permitted without authorization.

19 NO SUBSTITUTIONS (*Additional requirement*): No substitution of items to be delivered hereunder or any parts or components of such items shall be made unless the Buyer has been notified and approval has been given by issuance of a written change order.



PROCEDURE NO: BE-PUR-P7.4.3 Appendix B (Plant Codes 4001, 4002, 4501)
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- 20 UNAPPROVED PARTS – DETECTION AND REPORTING** (*Additional requirement*): Unapproved or counterfeit parts shall not be used for any type certificated aircraft or aircraft components. The Supplier shall ensure that the parts they supply are compliant with the requirements. If Supplier suspects the use of unapproved parts, the guidelines in AC 21-29 should be used to report to B/E Aerospace and the applicable regulatory agency.
- 21 SOFTWARE** (*Additional requirement*): Any contract that includes software development requires compliance to AS9115 or appraisal to CMMI level 4 or 5. AS9115 requires second party audits which B/E or a B/E customer reserves the right to conduct with minimum 14 day notice. CMMI level 4 or 5 requires independent appraisal using standard CMMI methods for process improvement (SCAMP) class A.
- 22 FOD** (*Additional requirement*): Assemblies delivering to B/E or direct to the installer will be free of Foreign Object Debris (FOD). Seller shall establish a FOD prevention program in accordance with AS9146, Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space, and Defense organizations



TABLE 1

TABLE 1 Appendix B of SPG-PUR-P7.4.3												
Supplier Type (this number will be displayed on PO)	1	2	3	4	5	6	7	8	9	10	11	12
Supplier type/QA clause matrix Yellow highlighted clauses are specific to SPG Appendix B.	Manufacture to print plastics and composites. Includes tooling.	Manufacture to print machinings/stamped parts, castings, & weldments. Includes tooling.	Manufacture to print electrical assemblies, electronic components	Design and manufacture of mechanical assemblies	Design and manufacture of electrical / electromechanical assemblies	Softgoods (cushions, diaphragms, and dresscovers)	Hardware, Catalog, COTS parts	IFE provided CFE	3rd party procured Tooling	Services, testing, calibration	Software	Outside Manufacturing Processes
6	GENERAL QUALITY SYSTEMS REQUIREMENTS	•	•	•	•	•	•	•	•	•	•	•
6.1	Right of Entry	•	•	•	•	•	•	•	•	•	•	•
6.2	Significant Changes To Supplier Operations	•	•	•	•	•	•	•	•	•	•	•
7	DOCUMENTATION REQUIREMENTS	•	•	•	•	•	•	•	•	•	•	•
7.1	Control of Documents and Data	•	•	•	•	•	•	•	•	•	•	•
7.1.1	MPS Database	•	•	•	•	•	•	•	•	•	•	•
7.1.2	Buyer Supplier Portal (BSP)	•	•	•	•	•	•	•	•	•	•	•
7.2	Control of Records	•	•	•	•	•	•	•	•	•	•	•
7.2.1	Altering Data on Documents	•	•	•	•	•	•	•	•	•	•	•
8.1	Quality Management System Planning	•	•	•	•	•	•	•	•	•	•	•
8.2	Responsibility, Authority and Communication	•	•	•	•	•	•	•	•	•	•	•
8.2.1	Advance Quality Planning	•	•	•	•	•	•	•	•	•	•	•
9	RESOURCE MANAGEMENT	•	•	•	•	•	•	•	•	•	•	•
9.1	Employee Awareness	•	•	•	•	•	•	•	•	•	•	•
10.1	Planning of Product Realization	•	•	•	•	•	•	•	•	•	•	•
10.1.1	Configuration Management	•	•	•	•	•	•	•	•	•	•	•
10.1.1.1	Major change notification	•	•	•	•	•	•	•	•	•	•	•
10.1.1.2	Use of PDR	•	•	•	•	•	•	•	•	•	•	•
10.1.1.3	Adherence to ARP6448	•	•	•	•	•	•	•	•	•	•	•
10.1.2	Control of Work Transfers	•	•	•	•	•	•	•	•	•	•	•
10.2	Customer Related Processes	•	•	•	•	•	•	•	•	•	•	•
10.3.1	Purchasing Process	•	•	•	•	•	•	•	•	•	•	•
10.3.2	Purchasing Information	•	•	•	•	•	•	•	•	•	•	•
10.3.3	Verification of Purchased Product	•	•	•	•	•	•	•	•	•	•	•
10.4	Production and Service Provisions	•	•	•	•	•	•	•	•	•	•	•
10.4.1	Production Process Verification	•	•	•	•	•	•	•	•	•	•	•
10.4.1.1	Electronic FAIR submittal	•	•	•	•	•	•	•	•	•	•	•
10.4.1.2	Use of NET-INSPECT	•	•	•	•	•	•	•	•	•	•	•
10.4.1.3	Catalog/COTS parts	•	•	•	•	•	•	•	•	•	•	•
10.4.1.4	MPS-079	•	•	•	•	•	•	•	•	•	•	•
10.4.1.5	MPS-082	•	•	•	•	•	•	•	•	•	•	•



TABLE 1 Appendix B of SPG-PUR-P7.4.3												
Supplier Type (this number will be displayed on PO)	1	2	3	4	5	6	7	8	9	10	11	12
Supplier type/QA clause matrix Yellow highlighted clauses are specific to SPG Appendix B.	Manufacture to print plastics and composites. Includes tooling.	Manufacture to print machinings/stamped parts, castings, & weldments. Includes tooling.	Manufacture to print electrical assemblies, electronic components	Design and manufacture of mechanical assemblies	Design and manufacture of electrical / electromechanical assemblies	Softgoods (cushions, diaphragms, and dresscovers)	Hardware, Catalog, COTS parts	IFE provided CFE	3rd party procured Tooling	Services, testing, calibration	Software	Outside Manufacturing Processes
10.4.1.6	Nondestructive Examination	•	•	•	•	•						•
10.4.2	Control of Production Process Changes	•	•	•	•	•	•	•	•	•		•
10.4.3	Post Delivery Support	•	•	•	•	•		•	•	•	•	•
10.4.4	Validation of Production and Services	•	•	•	•	•		•	•	•	•	•
10.4.4.1	Embrittlement Relief		•		•							
10.4.4.2	Magnetic Particle Inspection		•		•							
10.4.4.3	No Regrind	•										
10.5.1	Traceability	•	•	•	•	•	•	•	•	•	•	•
10.5.2	SPG-QA-P8	•	•	•	•	•	•	•	•	•	•	•
10.5.3	Acceptable Signatures	•	•	•	•	•	•	•	•	•	•	•
10.5.4	PMA Markings	•	•	•	•	•	•	•				•
10.6	Customer Property					•						
10.7	Preservation of Product	•	•	•	•	•		•	•	•	•	•
10.8	Control of Monitoring & Measuring Equipment	•	•	•	•	•		•	•	•		•
10.8.1	Calibration	•	•	•	•	•		•	•	•	•	•
10.9	Process Control Plan	•	•	•	•	•			•	•	•	•
10.10	Digital Data	•	•	•	•	•		•	•			•
10.11	Acceptance Authority Media (AAM)	•	•	•	•	•		•	•	•	•	•
11.1	Source Inspection cost	•	•	•	•	•			•			•
11.2	Certificate of Conformance	•	•	•	•	•	•	•	•	•	•	•
11.3	Control of Nonconforming Product:	•	•	•	•	•	•	•	•	•		•
11.3.1	Submittal of Nonconforming Product	•	•	•	•	•	•	•	•	•		•
11.3.2	Notification of Nonconforming Product	•	•	•	•	•	•	•	•	•	•	•
11.3.3	Nonconformance Discovered at B/E	•	•	•	•	•	•	•	•	•	•	•
11.3.3.1	Charge Back	•	•	•	•	•	•		•	•	•	•
11.3.4	Product Field Failure or Malfunction	•	•	•	•	•	•	•	•	•		•
11.4	Corrective Action	•	•	•	•	•	•	•	•	•	•	•
11.5	Materials Acceptance Authority	•	•	•	•	•	•		•			•
11.6	Acceptance Sampling	•	•	•	•	•	•	•	•			•
11.7	Key Characteristics	•	•	•	•	•	•	•	•			•



PROCEDURE NO: BE-PUR-P7.4.3 Appendix B (Plant Codes 4001, 4002, 4501)
 TITLE: Site Specific Supplier Quality Requirements, SPG
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11.8	Operator Self Verification	•	•	•	•	•	•	•	•			•
12	REGULATORY REQUIREMENTS	•	•	•	•	•	•	•	•	•	•	•
12.1	RoHS	•	•	•	•	•	•					•
12.2	REACH	•	•	•	•	•	•					•
13	Supplier design data: SPG-MPS-102	•	•	•	•	•	•	•	•	•		•
14	ELECTRONIC ASSEMBLIES			•	•	•		•				
15	CAST PARTS		•	•	•	•		•	•	•	•	
16	COMPOSITE ASSEMBLIES											
17	DIRECT AND DROP SHIPMENT	•	•	•	•	•	•	•	•			•
18	NO SHORT/PARTIAL SHIPMENT	•	•	•	•	•	•	•	•			•
19	NO SUBSTITUTIONS	•	•	•	•	•	•	•	•			•
20	UNAPPROVED PARTS	•	•	•	•	•	•	•	•			•
21	SOFTWARE DEVELOPMENT					•		•			•	
22	FOD Prevention, Control	•	•	•	•	•	•	•				•