

TITLE PATRIA BEC SUPPLIER QUALITY REQUIREMENTS FOR SUBCONTRACTORS

Applies To	This specification applies to all Patria BEC subcontractors (Type B).
Introduction	This document defines the core elements of Patria BEC Quality System and describes the basic requirements and guidance for all subcontractors used by Patria BEC.
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Nature of Change	Edition Date	Rev.	§ Changed	Description of the Change
	10/2016	01		Document creation
	11/2017	02	See margin	Review of the procedure following AS9110 upgrade <ul style="list-style-type: none"> - Addition of requirements on special processes / record retrieval & destruction / Product Safety / Personnel awareness / suspect part prevention / Personnel eye exam) - Clarification of FAI requirements - Requirement for subcontractors and new spare spitted into 2 procedures (DFQ 05 created for spares)
	10/2020	03	See margin	Addition of the requirement to provide a copy of the approved waivers when applicable and to reference the technical data revision in the CoC Addition of the FORM 1 release document Addition of occurrence reporting requirements
	04/2025	04	See margin	Adding AS 9146 reference for FOD prevention + AS6174 for counterfeit material prevention Clarification fo FAI requirements Adding chapter 7 regarding PBEC or end user supply material management.
	01/2026	05	See margin	Flow down of end user requirements <ul style="list-style-type: none"> - Review of archiving period requirements - Adding white light inspection requirements / Technical data & waiver / calibration requirements / TSO/TOS & CSN/CSO requirements on CoC / Use of AS 9102 for FAI - Clarification of eye examination criteria / personnel qualification / CAR & escape management / sub tier supplier

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Requirement Origin	Document & Section	Title
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AS 9110 § 8.4	CONTROL OF EXTERNALLY PROVIDED PROCESSES, PRODUCTS AND SERVICES
AS9146	FOREIGN OBJECT DAMAGE (FOD) PREVENTION PROGRAM - REQUIREMENTS FOR AVIATION, SPACE, AND DEFENSE ORGANIZATIONS
AS9102	AEROSPACE FIRST ARTICLE INSPECTION REQUIREMENT
AS6174	COUNTERFEIT MATERIEL; ASSURING ACQUISITION OF AUTHENTIC AND CONFORMING MATERIEL
NAS410	NAS CERTIFICATION & QUALIFICATION OF NON DESTRUCTIVE TEST PERSONNEL

Ownership	Process Owner: Quality Manager (PS10 : Insure Product Quality) Document Custodian: Quality Manager Publication Notification: QPulse	
Supporting References	The following references support the implementation of this document:	
	Reference	Title
	DQF.01	Supplier Quality System Requirements For Maintenance Organizations
Records & Forms	00eq0506 - Supplier Qualification Questionnaire	
Definitions	Approved Technical Data	Commonly Abbreviated: ATD. Data approved by the appropriate Civil Aviation Authority (CAA), delegated government authority, or military customer, for the use in performing maintenance, preventative maintenance, or repair of aircraft engines, items, appliances and components.
	Certificated Supplier	A supplier that holds a valid and current certificate from: <ul style="list-style-type: none">- an appropriate Civil Aviation Administration (CAA) or- a certification body (FAA, EASA, EN/AS 91XX, ...). Appropriate means that the supplier holds a valid and current certificate from the aviation authorities or CB.
	Certificate of Conformance	A document that certifies product conformity to process, design and/or specification requirements
	Civil Aviation Authority	May also be referred to as National Aviation Authority (NAA). This is the governing body of each respective country, or union of countries, which establishes rules, laws, guidance and other requirements of all things related to commercial aviation, including maintenance and overhaul of commercial aircraft registered in the respective country.
	Counterfeit Part	An unauthorized copy, imitation, substitute, or modified part (e.g., material, part, component), which is knowingly misrepresented as a specified genuine part of an original or authorized manufacturer. NOTE: Examples of a counterfeit part can include, but are not limited to, the false identification of marking or labeling, grade, serial number, date code, documentation, or performance characteristics.
	Qualified Supplier List	A listing of maintenance functions contracted to other repair stations. It focuses on the maintenance functions being contracted and to whom.
	Escape	Parts, engines, services, or other delivered products that do not meet customer requirements. Escapes are determined by Patria BEC based on the following two categories:

1. Significant Escape—An escape that results in customer impact through:
 - Recommendation for field recall or significant inspection
 - Flight restriction/launch impact
 - In-flight shutdown
 - Product/flight safety
2. Other Escapes—All other escapes outside of the Significant Escape criteria.

Fabricator	Manufactures detail parts for OEM business
FAI	First article inspection
Foreign Object (FO)	A substance or article alien to the product that could potentially cause Foreign Object Damage (FOD). Manufacturing, Assembly, and Inspection process debris of the type that is a direct by-product of that process shall not be considered FO unless the criteria for FOD Event or FO Event have been met.
Foreign Object Damage (FOD)	Any damage attributed to a foreign object that can be expressed in physical or economic (monetary) terms, which may or may not degrade the product's required safety and/or performance characteristics. Example: <ul style="list-style-type: none"> - Product damage - Impeded performance - FO delivered to processes or customers
Key Process/Part Characteristic	Commonly abbreviated: KPC. An attribute or feature whose variation has a significant influence on product fit, performance, service life, or produce ability; that requires specific action for the purpose of controlling variation.
Personnel Qualification	The personnel qualification is the recognition of the person ability to master a technique used to perform a fabrication or maintenance (Welding, machining, ...) This qualification also includes the recognition of the ability to perform the controls required and express a conformity judgment per technical data.
Product Safety	The state in which a product is able to perform to its designed or intended purpose without causing unacceptable risk of harm to persons or damage to property.
Non-Certificated Supplier	A supplier that either holds no certificates from a Civil Aviation Authority (CAA) or CB (FAA, EASA, EN/AS 91XX, ...).
Critical Process	Production process where the resulting output cannot be verified by subsequent monitoring or measurement and where realization parameters must be frozen. Examples: Surface treatment, heat treat, welding, ...
Type B - Aeronautical Maintenance Supplier	Supplier of a service for review, repair, inspection, replacement, change or correction of a component, carried out after production and initial airworthiness certificate from the relevant Authority.
Unapproved Part	A part that was not produced or maintained in accordance with approved or acceptable data and applicable statutory, regulatory, and customer requirements.

Acronyms
(Optional)

The following defined acronyms are used throughout this document

Acronym - See			
ATD	Approved Technical Data	OASIS	Online Aerospace Supplier Information Center
CAA	Civil Aviation Authority	QMS	Quality Management system

CB	Certified Body	GQA	Government Quality Assurance
COC	Certificate of conformity	RA	Anomaly report
NAA	National Aviation Authority	QSL	Qualified Supplier List
NADCAP	National Aerospace and Defense Contractors Accreditation Program		

CHAPTER I GENERAL REQUIREMENTS

Introduction This chapter describes the basic requirements and guidance for all subcontractors used by Patria BEC.

Overview The military aviation aftermarket industry is regulated by various military customers that prescribe the necessary controls needed for overhaul and repair of aircraft engines and components.

Suppliers that perform maintenance services for the military must either be AS/EN91XX or AS9110 registered.

ISO9001 certificated and non-certificated suppliers may be allow but they may be subject to specific QMS audits by Patria BEC.

Suppliers may have distinctly different requirements beyond the basic requirements as defined in this document.

Basic Requirements Suppliers performing maintenance services on aircraft engines or components must be listed on the Patria BEC QSL.

The Supplier shall comply with Patria BEC Supplier Quality Assurance System Requirements.

The Supplier shall commit to be compliant with the requirements of the applicable norm of their sector or type as presented in the table hereunder and, with the additional Patria BEC requirements of this document.

Suppliers must comply with the following:

- Registered to ISO or AS requirements
- Only work to ATD supplied by the contracting organization
- Allow inspection and/or audit of their system or processes by the contracting organization
- Always issue a Certificate of Conformance (CoC) for the work performed
- Issue a CoC to the approved technical data provided by the contracting organization
- May not subcontract work without permission from the contracting organization
- May not disposition nonconforming product without permission from the contracting organization
- Provided a first article inspection on repairs performed when applicable

Sub tiers suppliers If subcontracting is allowed, suppliers shall ensure that the requirements describe in the following chapters are flowed down, as applicable, to any sub-tiers suppliers used.

Suppliers must ensure that sub-tier supplier base meets the defined criteria established in DQF 01 as well as within this document.

Suppliers are responsible for the management and audits of all sub-tier suppliers on a scheduled interval or as determined by risk

Suppliers must submit list of all sub-tiers utilized on PBEC contracts to PBEC Quality upon request.

The supplier shall use customer-designated or approved external providers, when required in the purchase order or the Approved Technical Data

CHAPTER II SUPPLIER QUALIFICATION REQUIREMENTS & SURVEILLANCE

Introduction	Prior to performing work for Patria BEC a supplier must be granted approval and be placed on the Qualified Supplier List. Once added, a supplier must maintain an "Approved" status. This chapter describe this process.
QSL Qualification process	<p>The supplier qualification process consist in:</p> <ul style="list-style-type: none"> • Completing an initial questionnaire that characterizes the supplier organization (00eq0506) • Successfully pass a full system audit compliant with regulations and/or standards • If applicable, providing a copy of all CAA certificates, ISO/AS registration, and applicable operations specification and capability lists. <p>Patria Belgium Engine Center S.R.L will perform a desktop audit base on the elements provided to ensure that an organization meets the requirements of the Patria BEC Supplier Quality Assurance Program.</p> <p>If needed, a physical QMS audits by Patria BEC may be schedule to finalize the qualification process.</p>
QSL Statuses	<ul style="list-style-type: none"> • Added – This means a supplier has applied for addition to the QSL. With this status may not perform work unit all qualification requirements have been met • Approved – This status means that the supplier has met all qualification requirements and has been granted approval to perform work. The supplier may be approved as certificated, non-certificated, or registered • Suspended – This status means that a decision has been made to temporarily suspend a supplier's approval • Removed / Do not use – This status means the supplier has been removed from QSL and is not approved to perform work. Restoration to the QSL will require a full qualification process
Maintaining QSL Approval Status	<p>Upon qualification, suppliers listed on the QSL must ensure that:</p> <ul style="list-style-type: none"> • Report any events that may affect quality or performance of product, or potential impact to the purchase order, to the Patria BEC Quality; includes changes in ratings/certifications, QMS ownership, location, or management. • Provide updates of certifications, capability lists and operations specifications (if applicable) • Complete the survey that characterizes the current state of the supplier organization when requested. If the Survey is not completed in a timely manner, a physical audit will be scheduled. • Maintain performance expectations with respect to Supplier Escapes, On-time delivery, etc. A full list of current measured characterizations can be supplied upon request • Retain quality records for as required. • Must comply with all stated terms and conditions listed on the PO or Contract, as applicable.
Removal from the QSL	<p>A supplier may be removed from the QSL if one of the following happens:</p> <ul style="list-style-type: none"> ○ Refusal to submit to an audit when requested ○ Lack of action to address quality performance issues ○ Violations of the terms and conditions ○ Violations of the local and US export laws ○ Falsification of data ○ Failure to provide updated Certificates (if applicable)
Performance Surveillance	<p>Patria BEC will regularly evaluate the supplier's performance and risks. If the evaluation results do not met the expectations, appropriate actions will be taken (close follow up, on site audit, ...)</p> <p>Regular score card are send to supplier depending of they performance level.</p>

CHAPTER III PRODUCT REQUIREMENTS

Provided product/service	The purchase order will contain the requirements regarding the product or service to be provide including the identification of relevant technical data applicable.
Technical Data & waiver management	<p>Supplier shall work to the latest technical data revision (TO, TCTO, PP, PWA, ...)</p> <p>Supplier cannot deviate from the technical data without a formal approved waiver from P&W or USAF</p> <p>When waivers exist it's the supplier's responsibility to identify all waivers associated with the awarded repair and reference the correct number on the CoC / FORM1.</p> <p>It is important and imperative that the supplier track all customers and end-users.since this is required as waiver are controlled not only by P/N or S/N, but by customer and end-user.</p> <p>Supplier shall define precedence of requirements and hierarchy of procedures within their Quality Management System (QMS).</p>
Product condition	If supplier's inspection reveals unserviceable/scrap parts, the buyer must be notified immediately in writing. Please also notify if the unserviceable condition is caused during the repair process (handling damage, human error, machining discrepancies, etc.)
Unserviceable parts	<p>The supplier shall segregate and clearly identify serviceable for unserviceable product at all time.</p> <p>Unless otherwise specified in the purchase order, all unserviceable parts must be returned to Patria BEC against proper purchase order and shall be appropriately identified / tagged.</p> <p>This unserviceable material cannot be inter-mixed with serviceable material and accompanying report must indicate the condition and the applicable technical data section to which the product cannot be repair.</p>
Release to service document	<p>CoC or FORM 1 shall always be provided for the work accomplished</p> <p>CoC / FORM 1 shall state serviceability of part with dimensional results if required</p> <p>For EMAR accredited organization, an Authorized Release Certificate (EMAR Form 1) shall be provided in accordance with the regulation.</p> <p>For all other organization, a Certificate of Conformance (CoC) shall always be issued for the work performed to release the product.</p> <p>The Certificate of conformity (CoC) must contain the following:</p> <ul style="list-style-type: none"> - The supplier name and address - The unique CoC number or identifier - The number of page of the CoC <i>if higher than one</i> - The customer name - The purchase order number - The contract number <i>if applicable</i> - The quantity - The reference to any non-conformance / deviation*** - The item designation, reference and serial or batch number (when applicable) - For tracked item; The TSN / TSO or CSN/CSO as applicable - For repaired item, the detail of work performed and the reference to the approved technical data used to perform this work including the TO paragraph and the work package. Revision of the technical data shall also be mentioned.

- The name, date, signature and/or stamp of the CoC approver
- When applicable, the reference of the PN, Batch and quantity of PBEC supplied repair components used on the PO (See chapter VII)
- The conformity statement specifying the status :
 - ✓ **Serviceable or overhauled** : The item was overhauled or repaired and is compliant with all applicable technical data and can return to service with a full or partial life.
 - ✓ **Inspected**: The item is inspected per technical data
 - ✓ **Repaired**: The item is repaired per technical data **but** additional work is necessary to get the part serviceable.

*** A copy of the approved waiver shall always be provided to PBEC.

Note:

If your organization performed an overhaul for Patria BEC the statement must clearly state the status “Serviceable/overhauled” and not just *Inspected and repaired*”

A statement could be something like: “Part inspected and repaired per technical data xxx; WP xxx and declared serviceable” or “Part overhauled per technical data xx; WP xxx and declared serviceable”

If only the status “Repaired” is mention it means, additional work is necessary to get the part serviceable.

Escape management

Suppliers shall notify the PBEC quality within 48 hours after discovery of an escape (confirmed) or potential occurrence of an escape (unconfirmed).

Should the escape be confirmed, the following steps must be completed by the supplier:

- Initiate an investigation and provide a formal report on the RCCA results.
- Identify suspect population.
- Form internal cross functional team to address non-conformance.
- Identify Root Cause (RC).
- Initiate Corrective Actions (CA).
- Close out CAs and evaluate the effectiveness of the implemented actions.
- Work closely with PBEC quality for direction and disposition.

Note: Supplier has 30 days to complete 8D or equivalent investigation. If additional time is required, please reach out to Quality for an extension.

Product NCR and CAR management

When PBEC or end user discovers non-conformance generated at vendor a Supplier Discrepancy Report (PVRF) will be issued along with a Corrective Action Request (CAR) for the determination of Root Cause and Corrective and Preventative Action(s).

When material is returned to the vendor for rework a warranty PO will be established and material will be returned at vendor expenses.

Initial answer to the Contractor Corrective Action Request shall be provided according to the deadline defined in the CAR form.

Then corrective actions objective evidence shall be provided within the defined timeline to PBEC quality.

One extension request may be granted by the CAR Issuer, if deemed appropriate, for each CAR plan and each CAR implementation. An additional extension may be granted with management approval if there are circumstances that justify it (e.g., funding, digital technology updates, tooling procurement and installation, etc.).

Occurrence reporting	<p>The supplier shall have an occurrence reporting system to enhance the safety through the collection of reports on actual or potential safety deficiencies.</p> <p>The occurrence reporting system shall include:</p> <ul style="list-style-type: none"> ▪ Immediate action ('recall' procedure) for errors, near misses or hazards affecting the safety of a component that has already been released / delivered; ▪ A commitment to cooperate with all appropriate organizations for the purpose of occurrence investigations.
White Lighting	<p>Fixed lighting in the inspection viewing area shall be verified periodically with a calibrated white light meter to assure white light intensity is a minimum of 100-foot candles/Lumen or 1076.39 Lux.</p> <p>The intensities of white light shall be measured at the surface of the parts undergoing inspection or at-a-distance of 12", whichever is greater.</p> <ul style="list-style-type: none"> ➤ The lighting shall be designed and arranged to provide shadow and glare free illumination of the surface to be inspected. Records of light intensity verification shall be maintained in a department logbook. ➤ The Quality Assurance (QA) department or supplier equivalent shall be responsible for assuring that the minimum light intensity is maintained. ➤ Light intensities shall be measured with a calibrated white light meter or equivalent. <p>New or re-modeled inspection areas should be designed for best practice illumination of the inspection surface (150 footcandles is recommended).</p>
Calibration	<p>Supplier management systems for the control of monitoring and measuring equipment shall meet one of the following requirements: ISO 10012, ISO 17025, or ANSI/NCSL Z540.3.</p> <p>If using ANSI/NCSL Z540.3, Supplier shall implement the requirements using the Handbook for the Interpretation of ANSI/NCSL Z540.3.</p> <p>Supplier shall select monitoring and measuring equipment with a minimum accuracy ratio of 4 to 1 (product tolerance to equipment tolerance) unless otherwise specified.</p> <p>Supplier shall document an impact review whenever monitoring and measuring equipment is identified as out of tolerance. If conformity of shipped product is impacted, notify PBEC within 24 hours of discovery.</p>
FOD prevention	<p>Suppliers shall provide services with the highest degree of safety and shall identify hazards in its operating environment and manage the associated risks. FOD Program shall comply with AS 9146 requirements.</p> <p>Suppliers shall guarantee the appropriate level of training to the relevant people regarding product safety. Product safety issue (FOD) on Patria BEC items shall be reported to Patria BEC Quality.</p>
Counterfeit and Suspected Unapproved Parts prevention	<p>Supplier shall implement an appropriate process to prevent the use of counterfeit or unapproved parts. Process shall comply with AS6174 Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel requirements.</p> <p>Supplier shall train the appropriate people in the awareness and identification of suspects' parts.</p>
Personnel awareness	<p>The supplier shall ensure that the personnel performing the work is aware of:</p> <ul style="list-style-type: none"> • their contribution to product or service conformity. • their contribution to product safety; • the importance of ethical behavior;

Personal qualification

Suppliers are required to furnish specific on the job training for all personnel who will be performing maintenance and repairs on PBEC assets.

Training will be conducted by certified / qualified and trained employees

Training shall be documented within the employee's training jacket or within the organizations quality management system as defined by the supplier's process.

Nondestructive testing operators shall be qualified in accordance with standard NAS410 or standard EN41079.

Inspectors shall not perform final inspection activities, nor stamp/sign off the final inspection for articles which they themselves have performed work on that could affect product serviceability.

Vision examination

Eye exams shall be conducted on a regular basis by medically qualified personnel for all inspectors conducting, visual inspection, NDT personnel and welders, as applicable.

Pass/Fail criteria must be defined and clearly documented to ensure compliance.

Supplier procedures shall document requirements should a failed vision occur; to include but not limited to evaluation of current work assignment(s) until vision is corrected and acceptable or removal of inspection stamps when applicable.

Suppliers are to follow Table below for defined vision requirements

EYE EXAM	REQUIREMENT		
NEAR VISION	Test natural or corrected vision annually with at least one eye capable of reading 20/25 for:		
	Inspection type	Eye Chart	Minimum distance
	NDT, Weld, Inspector, normal	Jeager 1 type or	12 inches
		Jeager 2 type or	16 inches
		Snellen 20/25 or	16 inches
		Vision Screener	14 inches
COLOR VISION	Individual must be able to distinguish the color which are used in the following: <ul style="list-style-type: none"> - Inspection - Process activity - NDT methods being performed This is a one time test Exception: The vision testing requirement for NDT personnel, welders and bench inspectors performing inspection requiring color vision shall be administrated at least every five years		
FAR VISION	Test natural or corrected vision annually in either eye, 20/30 or better		

CHAPTER IV FIRST ARTICLE INSPECTION REQUIREMENTS

Introduction	<p>Supplier must submit a First Article Inspection (FAI) for each repair or maintenance operation (e.g., , T.O. Work Package paragraph, PP, TCTO, ...) to demonstrate the ability to perform the requested work per the Approved Technical Data.</p> <p>First Article Inspection (FAI) shall be performed in accordance with AS9102 Standard or equivalent and submit to PBEC for Approval.</p>
Applicability	<p>This 1st article package will be performed if the supplier is performing a repair or production (Work Package Paragraph, TCTO, drawing, etc.) under any of the following conditions:</p> <ol style="list-style-type: none"> 1- The vendor/fabricator is performing a first time orders <u>for Patria BEC</u> 2- The vendor/fabricator has not performed the repair / production within the previous two years, 3- There has been a change that affects form, fit or function, or 4- There has been a significant change to any of the processes performed by the vendor / fabricator or subcontractor (i.e., revision to tech data, new equipment, equipment relocated, new subcontractor, etc.).
FAI Package	<p>The supplier 1st article must contain :</p> <ul style="list-style-type: none"> ▪ The Router Sheets showing feature inspected, acceptance/rejection criteria used, and results. ▪ NDI results presented in the router with acceptance/rejection criteria used and results. ▪ Critical process operation sheets ▪ Training records personnel performing the critical & NDT processes ▪ All dimensional inspection sheets (CMM data, etc.) or surface finish measurements required by the repair which are clear to read and easily linked to the router including produced and any feature and dimension affected by the work performed. ▪ Reference of the applicable approved/acceptable technical data including acceptable methods and practices i.e. SPOP, SPS, etc. ▪ All functional test report related to technical date when applicable ▪ Laboratory testing report or Curing curves when applicable ▪ Any/All sub-vendor process sheets and Certificates of Conformances ▪ All consumable product CoC (Anti galling, coating, peening media, welding wire,...) ▪ All spare repair component CoC used for the part repair. ▪ If source demo, the USAF letter of approval <p>The 1st article package must be send by email to the quality department at following address: quality@bec.eu.com.</p> <p>If the package contains technical data it has to be marked on the concerned documents.</p> <p>In addition to completing and submitting the supplier FAI documentation, the package must be addressed to the Quality Department and be marked "1st article Review Required".</p> <p>Notes: A FAI is required for every repair paragraph applicable in the repair work packages called in the purchase order. If not all applicable paragraphs are performed on the 1st part, an additional partial FAI should be provided as soon as the missing repair paragraphs are applied.</p> <p>This partial FAI should contain the elements to cover the additional paragraphs as per requirements describe above.</p>
Family FAI	<p>FAI requirements may be satisfied by a previously approved FAI performed on identical characteristics of similar parts produced by identical means:</p> <ul style="list-style-type: none"> - Unique subcontractor for the all family - Same materials, repair processes, means,

-
- Identical sources and subcontractor if any

Selection of the family should be done in accordance with Patria BEC quality

CHAPTER V SPECIAL PROCESSES REQUIREMENTS

Introduction	<p>As required in AS/EN91XX series, for processes where the resulting output cannot be verified by subsequent monitoring or measurement, (i.e special processes) arrangements shall be established including, as applicable:</p> <ul style="list-style-type: none"> • definition of criteria for the review and approval of the processes; • determination of conditions to maintain the approval; • approval of facilities and equipment; • qualification of persons; • use of specific methods and procedures for implementation and monitoring the processes; • requirements for documented information to be retained <p>Supplier shall comply with these requirements.</p> <p>Example of special processes (list not exhaustive): Coating, chemical cleaning / stripping, peening, blasting, paint, dye film coating, non-conventional machining, NDT, welding, riveting, heat treat, rubber, plasma, ...</p>
Special process qualification requirements	<p>The supplier shall qualify the special process before implementing it on product.</p> <p>The qualification shall demonstrate the capability and repeatability of the process.</p> <p>Records of the qualification shall be kept by the supplier and be available for review by Patria BEC.</p> <p>The supplier is free to set up its own qualification process as per AS/EN91XX series requirements.</p> <p>Appendix 1 provide guidance about special process qualification and can be use if needed. It give a list of typical topics usually reviewed during a qualification process and the typical content of the qualification record package.</p> <p>Note: A Nadcap accreditation covers the qualification requirements.</p>
Monitoring	<p>Once a special process is qualified, the supplier shall monitor the following points:</p> <ul style="list-style-type: none"> • Changes to the documentation, • Maintenance and calibration of equipment subject to qualification • Operators' qualification and certification, • Compliance to the requirements of consumable, • Continuous compliance of the process (per probe, ...) <p>Any deviation must be managed and recorded.</p>
Modifications	<p>Any change to the requirements or the process shall trigger the requalification of the process.</p>

CHAPTER VI RECORD RETENTION REQUIREMENTS

Introduction Patria BEC suppliers shall comply with the following requirements unless more stringent requirements are required by contract:

Maintenance records Retention periods for retained document information, needed to provide evidence of conformance, by part types as referenced in table below

Nomenclature	Minimum Retention Period
Quality Management System	End of Predicted Life of the Product/Service + 15 Years
Escape Management	
Training Records	
First Article Inspection / Process Review Process	
Non-Conforming & Scrap Material	
Tool Control	
Material Control	
Quality Records	
Audit Program	
Production Process Control	
Vision Test Form	5 Years

Documented Information Changes to documented information (e.g., work instructions, travelers, routers, test reports, shipping documents) shall be recorded, dated, and traceable to a qualified person making the change (e.g., name, signature, stamp, and electronic signature) with a permanent marking method and the original information being legible and retrievable after the change.

Records recovery If required by Patria BEC, records shall be provided in a 2 working days period.

Records destruction The Supplier is authorized to destroy records regarding Patria BEC orders but it shall guarantee that:

- records are destroyed in accordance with pre-determined conservation periods,
- destruction of records is traced, irreversible, confidential and secured

CHAPTER VII MANAGEMENT OF PBEC SUPPLIED MATERIAL

Introduction

Due to procurement issues at vendor, it can happen that PBEC supply spares components to repair some subcontracted parts. This chapter defines how material is identified and how it shall be handled at vendor.

Material identification

When material is supplied by PBEC, it comes with an SAP tag which identifies:

1. The PN
2. Part designation
3. The quantity
4. The batch number => SAP lot number at PBEC that ensure traceability to the manufacturer at PBEC
5. The valuation => It's the part status. It can be OVHL for serviceable material or NEW for brand new material.
The valuation also identifies if material belong to BEC or to an end customer.
It can be "BEC" or "CUST"
6. The WBS => The WBS identifies the owner of the part.
If 0, it's PBEC own property otherwise the codification identified the customer it belongs to.

See appendix 2 for the customer code list

Cost review

When spare material is provided by PBEC, vendor shall reduce the service master price accordingly and communicate it to the subcontracted team so the corresponding PO price can be adjusted.

Use of provided material

In order to identify which customer, the part on the PO belong to you shall identify the customer code in the sale order on the 1st page of the PO as shown below.

Purchase order (Repair Service)

PO NUMBER/DATE
4200005505 / 2020.11.03
Purchasing group : L5S
Telephone no. : +3242707087
Fax no. : 043883965
E-mail : fanny.gillon@patriagroup.com

Your vendor number with us 180690
Fax : 8606459170
Revision : 1

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The Purchase Order is subject to acceptance in writing by the Supplier and is to be interpreted in accordance with Patria BEC's Terms and Conditions of Purchase in effect at the date of this Order and accessible on Patria BEC's website: www.bec.eu.com/bec-terms-and-conditions-of-purchase. Any terms and conditions proposed in Supplier's acceptance or in any acknowledgment, invoice, or any other form of Supplier that add to, vary from, or conflict with the terms herein are hereby rejected.

If the Order constitutes an acceptance of a prior offer by Supplier such acceptance is limited to the express and exclusive terms set forth in the Purchase Order. If this order has been issued by Buyer in response to an offer and if any of the terms herein are additional to or different from any terms of such offer, acceptance of such offer is subject to the express conditions that Supplier assent to such additional and different terms herein and between the parties and Supplier shall be deemed to have so assented and acknowledged unless Supplier notifies the Buyer in writing to the contrary within thirty (30) calendar days of receipt of this Order.

YOUR ORDER IS HEREBY ACKNOWLEDGED AND ACCEPTED.

Terms of deliv : DAP MANCHESTER
Terms of pay : 30 days, due net

Currency : USD

Sales Order : BDB1003348-01
EXPORT COMPLIANCE

The 2 first letter of the sales order indicates the end user

Refer to appendix 2 for the customer codes

The following rules shall be applied:

- **PBEC belonging material can always be used on PBEC part**
For example: If PBEC provided spares with WBS: 0, they belong to BEC and can only be used on PO for sales order with customer code "VT" or "BC".
- **Customer belonging spare material can ONLY be used on part for this customer.**
For example: If PBEC provided spares with WBS G-BEL-BEC, they belong to Belgian defense and can only be used on PO for sales order with customer code "BD".
- **If customer belonging spare material is not available, contact Subco team to know if PBEC belonging material can be used instead**
Depending on the contact between the end customer and PBEC it might not be authorized to use PBEC material this is why it is important to contact PBEC to confirm whether it's possible or not.

Traceability

It's vendor responsibility to ensure traceability of all components installed on a repair or overhaul material.

When supplied material is used on parts, the final CoC shall always reference the PN, quantity and batch used on the PO.

Stock management

Vendor shall provide a stock inventory of supplied material at least twice a year to the subcontracting team.

When stock is running low, its vendor responsibility to anticipate and contact subcontracting team to obtain additional parts.

Appendix 1 – Guidance for Special process qualification process

❖ Qualification Process

The elements listed below represent the typical topics usually reviewed during a qualification process

a) Documentation

Keep the necessary documentation available and up to date.

The documentation shall identify the operating steps, the equipment, the consumables, the parameters which have an impact on compliance, the measurement to record and archiving requirements.

b) Operators

The operators shall have the appropriate skills and capacities. The operators shall be formally qualified to the corresponding specification.

Nondestructive testing inspectors shall be qualified in accordance with NAS410 or EN4179.

c) Consumables

The consumables shall comply with the requirements (including the purchase, incorporation, identification, storage, conservation and usage).

d) Equipment

The equipment shall be Identified, calibrated and maintained.

The calibration standards shall be compliant with specifications and traceable to national calibration masters.

The calibration shall be performed by certified organizations to the appropriate standard.

e) Demonstration of results

The required characteristics shall be validated on parts or probes, under conditions representative of the production processing conditions.

Laboratory tests shall be carried out by of certified/qualified laboratories.

f) Environment

The specific environmental characteristics (like temperature, humidity, pressure,...) needed to ensure the compliance to the requirements needs to defined, monitored and ensured.

❖ Qualification package:

The qualification package shall contain, as applicable, all the elements listed above.

Appendix 2 – CUSTMER CODE & WBS

Customer	CODE	WBS
AIM	AI	G-AIM-BEC
BELGIUM ENGINE CENTER SPRL	BC	0
DEFENSE BELGE	BD	G-BEL-BEC
BLUE AEROSPACE	BA	G-BLUEA-BEC
P&W COLUMBUS ENGINE CENTER	CC	G-CEC-BEC
CHILEAN AIR FORCE - FUERZA AÉREA DE CHILE (FACH)	CL	G-FACH-BEC
D&D ENTERPRISES, LLC	DD	G-DD-BEC
DANISH DEFENCE	DK	G-DAN-BEC
DutchAero Services	DU	G-DUT-BEC
DYNATECH INTERNATIONAL CO	DY	G-DYN-BEC
GMS	GM	G-GMS-BEC
ILG (INTERNATIONAL LOGISTICS G)	IL	G-ILG-BEC
INDONESIAN AIR FORCE	IN	G-INDO-BEC
LIFETECH SUPPLY PTE LTD	LI	G-LIFETECH-BEC
LOCKHEED MARTIN	LM	G-LM-BEC
P&W MILITARY AFTERMARKET SERVICES	MA	G-MAS-BEC
MIDDLE EAST PROPULSION CENTER	MP	G-MEPC-BEC
ROYAL NETHERLANDS AIR FORCE	NL	G-NETH-BEC
PRATT & WHITNEY MMP NORWAY	NO	G-MMPN-BEC
NORWEGIAN DEF LOG ORG/AIR	NW	G-NOR-BEC
PT Bina Wibawa	PB	G-BINA-BEC
PRATT & WHITNEY Commercial Engine Business - Eastharford	PC	G-PWE-BEC
PW PSD	PD	G-PSD-BEC
PRATT & WHITNEY MILITARY WARRANTY - Greece	PG	G-GREC-BEC
PRATT & WHITNEY MILITARY WARRANTY - HARTFORD	PH	G-PWM-BEC
PAKISTAN AIR FORCE	PK	G-PAK-BEC
PRATT & WHITNEY MILITARY WARRANTY - Singapore	PS	G-SING-BEC
PORTUGUESE AIR FORCE	PT	G-PORT-BEC
RO - PORTUGUESE AIR FORCE	PR	G-ROPOAF-BEC
PROS V	PV	G-PROS-BEC
PRATT & WHITNEY MILITARY WARRANTY - Taiwan	PW	G-TAIW-BEC
SAFRAN AERO BOOSTER	SA	G-SAF-BEC
PW SERVICEABLE MILITARY ASSETS	SM	G-SMA-BEC
STANDARD AERO SERVICES	ST	G-SAS-BEC
ROYAL THAI AIR FORCE	TH	G-THAI-BEC
TRI-WING AVIATION RESOURCE	TR	G-TRI-BEC
THAI AVIATION INDUSTRIES CO., LTD.	TV	G-THAV-BEC
U.S. AIR FORCE	US	G-USAF-BEC
BELGIUM ENGINE CENTER SPRL pour vente TRADING	VT	0
UA COALITION - SABENA ENGINEERING	CO	G-COALUA-BEC
UNITED TECHNOLOGIES	UT	G-UTIO-BEC
WOJSKOWE ZAKLADY LOTNICZE NR 4 S.A.	WZ	G-POL-BEC