SQR - Supplier Quality Requirements

Chapter	Sub-Chapter	Paragraph	Information/ Requirement
1. Scope	1.8	1.8.1	This document specifies Quality Requirements for IAI Suppliers that provide processes, products and services under the following category : **- Type 1E: IAI Framework Agreement Suppliers**
1. Scope	1.9	1.9.1	Suppliers supplying POs intended for **Civil Aviation** products shall comply with CAG-9000 Requirements (Latest Revision).
1. Scope	1.1	1.10.1	Suppliers supplying POs intended for the **Bedek Aviation Group** shall comply with the Bedek Aviation Group - Quality Assurance Requirements (Lastest Revision).
1. Scope	1.11 Quality requirements applicable to the PO	1.11.1	Supplemental quality requirements related to the specific product ordered, are included in the PO and it's Applicable Documents, in addition to the requirements specified in this SQR.
1. Scope	1.11 Quality requirements applicable to the PO	1.11.2	Requirements order of precedence: In cases of conflict between requirements in this SQR and requirements in other purchase order documents, the following is the order of precedence: - Purchase Order - Product file / Drawings - SOW, technical specifications - This SQR.
1. Scope	1.11 Quality requirements applicable to the PO	1.11.3	Per IAI request, the Supplier shall submit a compliance matrix to the PO requirements including this SQR, and obtain IAI approval.
2. Applicable Documents	2.1 International Standards	2.1.1	ISO 9001 (LR) Quality Management Systems - Requirements.
2. Applicable Documents	2.1 International Standards	2.1.6	AS9120 (LR) Quality Management Systems - Requirements for Aviation, Space and Defense Distributors.
2. Applicable Documents	2.1 International Standards	2.1.7	AS9146 (LR) Foreign Object Damage (FOD) Prevention program – Requirements for Aviation, Space, and Defense organizations.
2. Applicable Documents	2.1 International Standards	2.1.8	AS9163 (LR) Aerospace Series - Certificate of Conformity Requirements.
2. Applicable Documents	2.1 International Standards	2.1.9	AS 5553 (LR) Counterfeit Electronic Parts Avoidance, Detection, Mitigation and Disposition.
2. Applicable Documents	2.1 International Standards	2.1.10	AS6174 (LR) Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel
2. Applicable Documents	2.1 International Standards	2.1.11	ISO/ IEC 17025 (LR) General Requirements for the Competence of Testing and Calibration Laboratories.
2. Applicable Documents	2.2 IAI Process Specifications	2.2.1	IAI PS474000E (LR) – IAI Requirements and Procedures for Avoiding Counterfeit EEE Parts

Chapter	Sub-Chapter	Paragraph	Information/ Requirement
2. Applicable Documents	2.2 IAI Process Specifications	2.2.2	IAI PS 850100E (LR) - Acceptance Testing of Incoming Raw Metalic Materials.
2. Applicable Documents	2.2 IAI Process Specifications	2.2.3	IAI PS 850110E (LR) - Acceptance Testing of Incoming Aerospace Fasteners.
3. General Requirements	3.1 Quality Management System requirements	3.1.1	The Supplier shall maintain a valid ISO 9001 certification under the authority of a recognized accreditation process, that is recognized by the International Accreditation Forum (IAF) requirements.
3. General Requirements	3.1 Quality Management System requirements	3.1.2	The Supplier's Quality Management System shall comply with AS/EN/JISQ/IA 9100 or equivalent (LR) and the additional requirements defined in this document. 1E Distributors shall comply with AS/EN/JISQ/IA 9120 Requirements (LR).
3. General Requirements	3.2 Right of Access	3.2.1	IAI, its customers and regulatory authorities shall be entitled to have their representative granted access to all areas at the supplier's premises, where work is being carried out for IAI. The Right of Entry requirement shall flow down to all sub-tier suppliers, applicable to the PO. The representative shall be entitled to: - Verify the compliance of the item with the engineering specifications and requirements of the purchase documents. - Conduct on-site audits - Evaluate, validate, inspect and observe tests, as well as the applicable documentation of all products to be supplied by the supplier under IAI PO. - Assure compliance with IAI Quality Requirements. - Access OASIS Level 2 data related to supplier's 3rd party audits (applicable to AS91**XX** certified suppliers).
3. General Requirements	3.2 Right of Access	3.2.2	Upon request, the supplier shall present, to the IAI representatives, any manufacturing documents, work instructions, and quality records related to the IAI purchase order.
3. General Requirements	3.3 Supplier Performance	3.3.1	The Supplier's performance is evaluated by IAI and indicated in the IAI Suppliers Portal/ Nipendo. The Supplier shall monitor its rating and initiate corrective actions, to maintain its rating above 85%.
3. General Requirements	3.3 Supplier Performance	3.3.2	A Quality Improvement Plan (QIP) shall be submitted to IAI upon request.
3. General Requirements	3.3 Supplier Performance	3.3.3	Upon request, the Supplier shall provide IAI with a Quality Status Report on a periodic basis. This Quality Status Report shall contain all or part of the following, as specified by IAI: First Time Quality (FTQ) yield, internal & external failure trends and analysis, Root Cause Analysis and Corrective Actions (RCCA), escapes and complaints.
3. General Requirements	3.4 Awareness, Training and Competence	3.4.1	The Employee Competency program shall include, but is not limited to, the following. Awareness of Product safety, counterfeit and suspected counterfeit parts, the importance of ethical behavior, contribution to product or service conformity, hazardous materials, awareness of regulations and customer requirements, as applicable to employee duties and work environment.

Chapter	Sub-Chapter	Paragraph	Information/ Requirement
3. General Requirements	3.5 Acceptance Authority Media and Stamp Control	3.5.1	The Supplier shall use acceptance authority media (e.g., stamps, electronic signatures, passwords) to identify qualified operators and Inspectors. Inspectors shall use the acceptance authority media to approve quality records and to identify parts (as applicable).
3. General Requirements	3.5 Acceptance Authority Media and Stamp Control	3.5.2	The Supplier shall establish controls and procedures for the use of Acceptance Authority media (e.g., stamps, electronic signatures, passwords). The controls shall ensure traceability of the stamps, and periodic verification for their legibility.
3. General Requirements	3.6 Ethical Behavior Policy	3.6.1	The Supplier shall have an internally published Ethical Behavior Policy. The policy is intended for all employees and shall cover the various areas of expected behavior. The policy shall be detailed to a level that enables proper training to the affected personnel.
3. General Requirements	3.7 Communication	3.7.1	The Supplier shall appoint a Quality Management POC for IAI.
3. General Requirements	3.7 Communication	3.7.2	The Supplier shall notify IAI within 24 hours, on any potentially Non-Conforming product supplied, attaching all the required details (P/N, S/N, delivery information, quantity, detailed description of the nonconformity and its implications.)
3. General Requirements	3.7 Communication	3.7.3	The Supplier shall notify IAI within 14 calendar days of any changes to: Ownership of the company, QMS certificate, Nadcap certificate, key management personnel, organizational structure, change in facility, location and/or any other significant changes that may affect the products or services delivered to IAI.
3. General Requirements	3.7 Communication	3.7.4	The Supplier shall review the applicable information listed in the IAI Suppliers Portal/ Nipendo during PO review.
3. General Requirements	3.7 Communication	3.7.5	The Supplier shall periodically (at least quarterly) monitor and review the IAI Suppliers Portal. The review shall cover certification validity, quality and delivery rating, Unsatisfactory Reports (UR) status, engineering data configuration (complete check marks in the acknowledgment column), Point of Contact (POC) for engineering documents distribution, etc.
3. General Requirements	3.7 Communication	3.7.7	The Supplier is responsible for notifying IAI if documents that are required to carry out the work defined in the active POs, are missing from the IAI Supplier Portal/ Nipendo.
3. General Requirements	3.8 Record Retention	3.8.1	The Supplier and the sub-tier suppliers shall maintain verifiable objective evidence required by this document and the applicable requirements. These records (Electronic or Physical) shall be made available to IAI, IAI customer and/or government representatives upon request within 3 calendar days. These records shall be retained in a safe, secured and accessible location for a period of 10 years, after date of delivery or as defined in the contract/SOW.
3. General Requirements	3.8 Record Retention	3.8.2	Records held for the required retention period shall not be destroyed without written IAI concurrence.
6. Purchasing	6.1 Risk Management	6.1.1	The supplier shall identify and manage the applicable risks associated with the product, processes and services received from external providers.

Chapter	Sub-Chapter	Paragraph	Information/ Requirement
6. Purchasing	6.2 Requirements flow-down	6.2.1	The supplier shall flow-down, to sub-tier suppliers, the applicable requirements that are invoked or applied via IAI's PO, including this clause. Flow-down shall include requirements for documentation and records assuring full traceability to materials and processes.
6. Purchasing	6.3 Approval and Management of sub-tier suppliers	6.3.1	The supplier shall be responsible for the approval and quality of their lower-tier suppliers, by means of quality requirements flow-down and appropriate controls. The Supplier shall have a plan for managing its sub-tier suppliers. The plan should include audits, surveys, and additional controls, as deemed necessary by the Supplier based upon the applicable risks.
6. Purchasing	6.3 Approval and Management of sub-tier suppliers	6.3.4	Upon IAI request, the Supplier shall submit, to IAI, information regarding the approvals and performance of its sub-tier suppliers.
6. Purchasing	6.3 Approval and Management of sub-tier suppliers	6.3.6	The supplier shall purchase Raw Materials and Fasteners, only from IAI approved suppliers.
6. Purchasing	6.4 Receiving Inspection	6.4.1	The Sampling plan for verification testing of incoming materials and fasteners shall be as per: IAI PS 850100E - "Acceptance Testing of Incoming Metalic Raw Materials" and IAI PS 850110E - "Acceptance Testing of Incoming Aerospace Fasteners".
6. Purchasing	6.4 Receiving Inspection	6.4.2	When the supplier relies on test reports for the verification of the product purchased, the data in these reports shall be verified against the requirements in the applicable documents.
6. Purchasing	6.5 Counterfeit Prevention	6.5.1	To prevent the use of counterfeit parts, The Supplier and all members of it's supply chain, including Distributors, shall comply with the requirements of AS5553 and PS474000E for EEE parts and AS6174 for all other parts. Counterfeit, or suspected counterfeit parts shall be controlled to prevent re-entry into the supply chain.
6. Purchasing	6.5 Counterfeit Prevention	6.5.2	The Supplier shall notify IAI of any event of a counterfeit, or a suspected counterfeit part identified.
7. Manufacturing	7.10 Handling Nonconformance	7.10.6	Nonconformities in supplied products are managed in the IAI ERP using Unsatisfactory Reports (UR). Upon detection of a nonconformity, a UR is opened and sent to the supplier via the IAI Suppliers Portal/ Nipendo for response. The Supplier's response shall include root cause analysis and corrective action to prevent recurrence of the nonconformity. Response time is limited, the time limit is specified in the UR.
7. Manufacturing	7.10 Handling Nonconformance	7.10.7	The UR response shall be submitted via the IAI Suppliers Portal/ Nipendo
7. Manufacturing	7.10 Handling Nonconformance	7.10.8	The Supplier may request a postponement of the UR response. The supplier shall submit this request to IAI and detail the reasons for the delay, before the original required response date.
7. Manufacturing	7.13 Control of inspection and measuring devices	7.13.1	The supplier shall use calibrated test and measurement devices. Calibration reports shall demonstrate traceability to an ISO 17025 certified calibration laboratory.

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8. Shipping and Delivery	8.1 Packaging	8.1.1	The supplier is responsible for the packaging unless otherwise specified in the contract or PO.
8. Shipping and Delivery	8.1 Packaging	8.1.2	The Supplier shall pack and protect the product from FOD. Products shall be packed to prevent damage during transportation. Wood packaging materials shall comply with ISPM 15 (LR).
8. Shipping and Delivery	8.1 Packaging	8.1.3	Marking on packages shall comply with MIL-STD-129 and include at least the following details: Name of manufacturer, country of origin, part number, warnings (as applicable)
8. Shipping and Delivery	8.2 Shipping	8.2.1	Delivery arrangement shall comply with the following requirements: - Air Transport – as per ICAO policies and guidance. - Maritime Transport – as per the IMDG Code - Local transport – According to the local laws and regulations.
8. Shipping and Delivery	8.2 Shipping	8.2.2	Hazardous materials shall be properly classified, described, packaged, marked, labeled, and in proper condition for shipment, as required by the UN regulations and shall be supplied with the appropriate safety data sheet (SDS).
8. Shipping and Delivery	8.2 Shipping	8.2.3	The Supplier shall attach Commercial Shipping Documents/Packing List, COC, Inspection and test documents as required by the applicable requirements.
8. Shipping and Delivery	8.2 Shipping	8.2.4	The supplier shall scan and upload the required documents to the Nipendo/ IAI Suppliers portal.
8. Shipping and Delivery	8.3 Certificate of Compliance	8.3.1	The supplier shall provide the original manufacturer certification with each shipment to attest that the parts, assemblies, subassemblies, or detail parts conform to the PO requirements.
8. Shipping and Delivery	8.3 Certificate of Compliance	8.3.2	The COC shall be written in English. Any other language specified by IAI is acceptable.
8. Shipping and Delivery	8.3 Certificate of Compliance	8.3.3	When applicable, the manufacturers, lot, heat, batch, date code, and/or serial number shall appear on the certificates.
8. Shipping and Delivery	8.3 Certificate of Compliance	8.3.4	The COC shall comply with AS9163 Aerospace Series - Certificate of Conformity Requirements and shall contain the following: Certificate number; date; Organization (external provider) name and address; Customer name and address; PO number; Item number; quantity; description; revision; traceability remarks; conformity details; statement of conformity; name and signature of the individual authorized to release products or services to the customer.
8. Shipping and Delivery	8.3 Certificate of Compliance	8.3.5	The statement of conformity shall indicate or be equivalent to the following: It is hereby certified that apart from the deviations, concessions, or waivers noted in "Conformity Details," the product(s)/(service(s) detailed above has (have) been manufactured/maintained/reworked/carried out/inspected/tested and conform to the applicable specifications, drawings, purchase order and contract requirements. The statement of conformity shall also indicate that no changes were made to the product or production processes following FAI approval

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8. Shipping and Delivery	8.4 Certificate of Testing	8.4.1	The Supplier shall provide a detailed inspection, test and/or functional testing report. The report shall cover all the applicable attributes as required in the Engineering Documentation
8. Shipping and Delivery	8.5 Calibration Report	8.5.1	As applicable to the product or service, the supplier shall provide a calibration report traceable to national or international measurements standards.

Abbreviations, Terms and Definitions

BTP	-	Built To Print
BTS	-	Built To Spec
CI	-	Critical Item
CIL	-	Critical Items List
COTS	-	Commercial Off The Shelf
Counterfeit part	-	An unuthorized copy, imitation, substitute, or modified part, which is knowingly misrepresented as a specified genuine part of an original or authorized manufacturer
Critical Characteristic	-	Any feature of a critical item (e.g. dimension, material, process, maintenance) hat if nonconforming, missing or degraded may cause the failure or malfunction of the critical item
Critical Items	-	Those items (functions, parts, software, processes) having significant effect on the provision and use of the products and services, that require specific actions to ensure they are adequately managed
DPD	-	Digital Product Definition
EEE Parts	-	Electronics, Electrical and Electro-mechanical parts
FAI	-	First Article Inspection
IAI Suppliers Portal/ Nipendo	-	Portals providing supplier relationship information and processes
Key Characteristic	-	An attribute or feature whose variation has a significant effect on the product, that requires specific actions for the purpose of controlling variation
LR	-	Latest Revision
Major / Class 1 Nonconformity	-	A condition that can result in the failure or reduce the usability of the product or service and its intended purpose or a nonconformity that has an appreciable effect on safety, weight, balance, structural strength, reliability, operational characteristics, or other characteristics affecting article airworthiness or other regulatory requirements.
Minor / Class 2 Nonconformity	-	A nonconformity not categorized as Major / Class 1
Nonconformity	-	A condition of any article, material or service in which one or more characteristics do not conform to requirements specified in
PO	-	Purchase Order

POC	-	Point of Contact
PQP	-	Project/ Program Quality Plan
QIP	-	Quality Improvement Plan
QMS	-	Quality Management System
Regulatory Authority	-	A National Aviation Authority (NAA) - e.g. CAAI – Civil Aviation Authority of Israel; U.S.A. - Federal Aviation Administration (FAA); Europe - Joint Airworthiness Authority (JAA) and European Aviation Safety Agency (EASA); or Defense agencies - e.g. DoD
SP	-	Special Process
Special Process	-	A process where the resulting output cannot be verified by subsequent monitoring or measurement and as a consequence, deficiencies become apparent only after the product is in use or has been delivered
Special Requirements	-	Those requirements identified by the customer, or determined by the organization, which have high risks of not being met, thus requiring their inclusion in the operational risk management process.
UR	-	Unsatisfactory Report
VCD	-	Vendor Controlled Drawings