

These requirements are required by Centrix, our customers, and AS9100D, clause 8.4.3. These requirements apply to Centrix's external providers of raw materials, machining, grinding, heat treat, metal finishing, non-destructive testing, welding, calibration, hazardous waste disposal, parts standards, scrap disposal, testing, IT services, and permanent consumables (Paint, Part mark, etc.), as applicable. Acceptance of a purchase order from Centrix binds the external provider to the requirements listed in this document. AS9100 and our customers require these requirements to be flowed to your suppliers, as applicable, reference section 36

**1. The processes, products, and services to be provided including the identification of relevant technical data (specifications, drawings, process requirements, and work instructions).**

*Centrix purchase order, drawings, specifications, processing requirements, calibration requirements, other technical documentation, these requirements, and/ or other referenced documents provide the requirements for the external provider. All documentation will be provided when the external provider does not have access to the requirements (e.g. customer specifications).*

**2. The approval of products and services, methods, processes, and equipment, and the release of products and services.**

*Only products and services, methods, processes, and equipment that are required to fulfill the requirements of the purchase order, drawing, specification, and other regulatory requirements will be provided to Centrix.*

*Each shipment must be accompanied by one legible copy of a statement of conformance (e.g. pack slip, Certificate of Conformance, etc.) When a Certificate of Conformance (C of C) is requested, the following will be included, as applicable:*

*a. External Providers name, part number, purchase order number, quantity, Lot or Batch Number(s), traceable internal number, identification of company representative.*

*b. Boeing D1-4426 processors: signature/stamp and name of the authorized quality representative, specification & revision and applicable specification and D1-4426 requirements.*

*c. Raw Material Certifications: Results of testing per the material specification, specification & revision, material type, and condition.*

*d. Material with Shelf Life: the Date of Manufacture and the Date of Expiration*

*e. Calibration: Test data and confirmation all equipment is traceable to the National Institute of Science & Technology (NIST) or other National Physical Laboratory (NPL); when no such standards exist, the basis used for calibration or verification is retained as documented information.*

*f. Heat Treat Oven Verification & Testing: specification, revision, ISO 17025 certification requirements.*

*Testing: Test data, specification, revision, and ISO 17025 certification requirements.*

*g. Seller 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.*

*h. When the purchase order references "BAC Flightworthy" the company representative will be from Quality and the certification will include a stamp.*

*i. other requirements as specified on the purchase order.*

### **3. Competence, including any required qualification of persons.**

*The external provider will ensure that employees and people working on its behalf are competent and trained and qualified in accordance with their internal requirements, the requirements in this document, and requirements of AS9100, as applicable. Additionally, personnel performing NDT will be certified in accordance with NAS410.*

### **4. The external providers' interactions with Centrix.**

*The External provider shall hold all information received from Centrix, in confidence and no third-party request for information will be authorized unless approved, in writing, by Centrix. Non-Disclosure agreements are required when determined by Centrix Management.*

### **5. Control and monitoring of the external providers' performance.**

*Centrix will monitor external providers Quality (95%) and On-Time (85%). External providers that consistently perform below these goals may receive corrective actions and possible removal from Centrix's Approved External Provider Register.*

### **6. Verification of validation activities that the organization, or the customers, intends to perform at the external provider's premises.**

*Centrix, its customers, and regulatory authorities reserve the right to perform verification and/or validation activities at the External provider's premise.*

### **7. Design and development control.**

*Centrix provides external providers with drawings to be used for Centrix proprietary products and references to applicable specifications. External providers must provide products that are in compliance with the requirements, and traceability must be assured and documented before shipment.*

### **8. Controlled planning, Special requirements, critical items, or key characteristics.**

*As per the requirements of AS9100, external providers are responsible for the validation, and periodic revalidation, of the ability to achieve planned results of the processes for production and service provision, where the resulting output cannot be verified by subsequent monitoring and measurement. Additionally, external providers will validate, document, and retain records for special requirements, critical items, and key characteristics as defined by the drawing,*

*specification, or purchase order. When completing per controlled planning (as identified on the purchase order) no changes will be made without prior approval from Centrix and our customers, as required.*

### **9. Test, inspection, and verification (including production process verification).**

*All gauges and instruments used to verify the Centrix product shall be calibrated using standards whose accuracies are NIST traceable. All provided calibration certifications shall specifically state this traceability.*

*The supplier shall maintain a quality/inspection system that shall ensure all goods and services conform to contract requirements whether manufactured or processed by the external provider or procured from a supplier. When using Operator Self Verification, the program will be compliant with AS9162.*

### **10. The use of statistical techniques for product acceptance and related instructions for acceptance by Centrix.**

*The External provider shall use a sampling plan for product acceptance, consistent with industry-accepted standards or specifications unless otherwise specified or agreed upon in writing by Centrix. When the specified product is for Boeing, 100% in-process and final inspection or conform to AS9138 Table A1 and C=0.*

### **11. Implement a quality management system.**

*When requested, external providers will implement and maintain a documented quality system, available in English that is certified to AS9100, ISO9001, AS9120, ISO 17025, AC7004, and other recognized standards, and/or the external provider shall complete Centrix's External Provider Profile and Quality System Survey. External providers' "self-surveys" will be accepted in lieu of a completed survey.*

*External providers will have AS9100 certification when Boeing or BCA are flowed down on the purchase order, except distributors will have AS9120.*

*The external provider will supply a copy of 3rd party certifications. Any changes to the certifications such as a change of registrar, update, withdrawal, or disapproval must be forwarded to Centrix Quality immediately.*

### **12. Use customer-designated or approved external suppliers, including process sources (special processes).**

*External providers must be approved by Centrix and use Centrix-approved sources, as applicable. When external providers are machining and processing complete, the special processors used must be Centrix customer approved. It is the responsibility of the external provider to verify Centrix customer approval:*

*Nadcap approval is required for special processes (for flightworthy products) and when required by Centrix customers. Special processes include Heat treat, NDT, Coatings, Testing, and Welding. Boeing D1-4426 approval is required for special processes for flight-worthy products and designates qualified product list (QPL) applications.*

### **13. Notify Centrix of non-conforming processes, products, or services and obtain approval for their disposition.**

*Centrix will not accept external providers' product that does not meet purchase order, drawing, or specification requirements. If any goods are found to be defective or otherwise not in conformance with requirements of the Purchase Order, Centrix may, in addition to its other rights and remedies, reject such goods and require their prompt correction or replacements at the external provider's expense, including shipping and packaging charges.*

*All Centrix's parts found non-conforming by the external provider will be tagged as discrepant and returned to Centrix.*

*External provider's products discovered to be non-conforming after shipment (an escape) shall be disclosed to Centrix within 24 hours and provide the following, as applicable:*

- a. External provider's name, affected process or product, part number(s) and name(s);*
- b. Description of the nonconforming condition and the affected engineering requirement (i.e., what it is and what it should be); description of the root cause, corrective action, and proposed disposition of NC.*
- c. Quantities, shipping dates, date codes, purchase orders, and destinations of delivered shipments;*
- d. Suspect/affected serial number(s) or date codes, lot numbers, or other part identifiers and airplane line units when applicable.*
- e. Date of first manufacture and date of the last manufacture.*
- f. airplane line unit.*
- g. Name, signature, and phone number of the member of the supplier's QA who authorizes notification.*

*The external provider must maintain a corrective action system that determines the effectiveness of such corrective actions, and that prevents the shipment of nonconforming parts. Rework per specification is only allowed when authorized by Centrix.*

### **14. Prevent the use of counterfeit parts and products.**

*External providers are required to have a counterfeit parts prevention program that includes avoiding, detecting, mitigating, and dispositioning of suspected parts program using acceptable standards, such as AS6174. In the event the external provider discovers it has supplied counterfeit goods, Centrix must be notified immediately from discovery and the product replaced at the external provider's expense. Counterfeit goods at Centrix will not be returned to the external provider.*

### **15. Notify the organization of changes and obtain the organization's approval.**

*External providers will notify Centrix of intended or actual changes that may affect the quality of delivered goods and services. This includes:*

- changes to the Quality Management System (major changes to manual & procedures)*
- changes to the Quality Management personnel,*
- change to the company name*

- *change in ownership or business closing*
- *insolvency or bankruptcy proceedings*
- *subtier supplier changes*
- *new manufacturing processes including machines*
- *design changes*
- *changes to the manufacturing line*
- *product changes and obsolescence*
- *change to inspection techniques*
- *changes to certification and accreditation*
- *change to facility location*
- *change to processes*
- *natural disasters,*
- *investigations or legal proceeding's initiated against the external provider by any public authority relating to an alleged violation of regulations and laws with respect to the execution and or performance of this order by itself, its subsidiaries, executives, employees, agents, or any individual or companies in the performance of this order.*
- *Notification (in writing) and approval from Centrix (prior to) work transfers including; from one organization to another, from one organization to a supplier, and from one supplier to another.*

*Quality data, production, and/or approved design data will be in the English language.*

*Supplier shall comply with specifications stated on the Purchase Order and with applicable engineering drawings, including industry, association, society, regulatory, and United States Government.*

*External Provider shall notify Centrix if any engineering revision levels received conflict with the revision levels on the Purchase Order.*

*These documents shall be controlled, maintained, and issued as the latest revision in effect at the time of the Purchase Order unless otherwise stated.*

*External Provider shall maintain a change control management and verification system for documents and electronic media, including applicable government, association, society, industry, and customer furnished configuration data.*

### **16. Flow down to external provider's applicable requirements including customer requirements.**

*External providers shall flow down to their suppliers the applicable requirements as required by Centrix's Purchase Order either specifically or by reference, including these requirements.*

### **17. Provide test specimens for design approval, inspection/verification, investigation, or auditing.**

*When Requested by Centrix, or its customers, External providers and their Suppliers will provide test specimens for inspection/verification, investigation, and/or auditing purposes.*

### **18. Retain documented information, including retention periods and disposition requirements.**

*All certifications, test reports, qualification data, FAI, nonconformance documents, inspection records (in-process and final), receiving inspection, in-process documentation, and calibration records shall be retained indefinitely. If the external provider goes out of business or ceases to exist, the external provider is responsible for notifying Centrix, and Centrix reserves the right to request delivery of these records. The records must be complete, legible, identifiable to the corresponding product, and in English. When requested, records will be provided to Centrix within 1 hour for products shipped within the last 2 years and within 1 day for products shipped more than 2 years ago.*

*In the event personal data is used by the External Provider during and for the performance of the Contract and/Order, the external provider shall at all times comply with the GDPR, as well as all applicable national Personal Data protection laws and regulations (together referred to as "Data Protection Laws and Regulations") in force during the term of the order. The Parties mutually agree to enter into negotiations to determine appropriate measures to ensure compliance with the aforementioned laws when needed.*

### **19. Prevent Foreign Object Debris (FOD).**

*External providers are required to establish and maintain a Foreign Object Debris (FOD) prevention program that is in compliance with AS9146, NAS412.*

### **20. The right of access by the organization and customers, and regulatory authorities to the applicable areas of facilities, and to applicable documented information at any level of the supply chain.**

*Centrix, Centrix's customers, and Aviation Authority Personnel; reserve the right to perform on-site inspections (source), surveillance, or any other purpose deemed necessary, of the External provider's facility or their supplier's facility. Centrix will give reasonable notification to the External provider prior to the on-site inspection. The on-site inspection may include surveillance of the External provider's facilities, procedures, production methods, processes, records, personnel, any articles that will be incorporated into the product, and completed articles manufactured for Centrix and our customers. The External provider shall furnish, at no cost, the necessary data as required by applicable drawings, Purchase orders, Specifications, and inspection instructions to facilitate the on-site inspection.*

### **21. Ensure that persons are aware of: their contribution to product or service conformity; their contribution to product safety; the importance of ethical behavior.**

*External providers must be committed to the highest standards of ethics and business conduct. External providers must comply with the law, honor commitments, act in good faith, and be accountable. External providers must strive to maintain full compliance with all laws and regulations applicable to the operation of the business and customer relationships. External providers must not offer, promise, authorize or provide, directly or indirectly anything of value (including business gifts or courtesies) with the intent or effect of inducing anyone to engage in unfair business practices. External providers will avoid involvement in activities that may be perceived as a conflict of interest. External providers will respect the legitimate proprietary rights and intellectual property, rights of customers and External providers, and take proper care to*

*protect sensitive information, including confidential, proprietary, and personal information. External providers will support product safety by ensuring robust management of special requirements, critical items, and key characteristics. If there are concerns to product safety, External providers will communicate them to Centrix if there is a concern at the External provider's premises with respect to safety during the manufacture of the product, External providers will notify its employees of the concern and whenever possible, mitigate the concern. External providers will ensure that employees and people working on its behalf are aware of their contribution to:*

- *product or service conformity,*
- *their contribution to product safety,*
- *the importance of ethical behavior.*

## **22. Basic Working Conditions and Human Rights**

*The External provider will abide by all laws pertaining to basic working conditions and human rights, including laws regarding slavery and human trafficking.*

## **23. Ozone-Depleting Substance**

*Ozone-Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform: or (2) Class II, including, but not limited to hydrochlorofluorocarbons. Label products that contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as applicable.*

## **24. Conflict Minerals & REACH**

*External If applicable to the product, the seller agrees to not knowingly supply products that contain "conflict minerals" as described in section 1502 of the Wall Street Reform and Consumer Protection Act of Dodd-Frank Legislation.*

*Registration, Evaluation, and Authorization of Chemicals (REACH) compliance: If raw materials, parts, or assemblies contain substances of very high concern (SVHCs) as prescribed by EU directive EC No. 1907/2006, Registration, Evaluation and Authorization of Chemicals, identification shall be included with the shipment. This identification should list the SVHC-designated chemicals present in the purchased article and the conditions under which handling precautions should be taken.*

## **25. Application of Acceptance Authority Media (AAM)**

*Per AS/EN/JISQ 9100 and 14CFR Part 21.2 requirements regarding the application of the Acceptance Authority Media (AAM) requirements.*

*Ensure the use of AAM is clearly defined within its QMS*

*Provide evidence of communication to employees and supply chain these requirements and use of AMM must be considered as a personal warranty of compliance and conformity.*

*The areas of focus shall include but are not limited to:*

*Authority Media Application Errors (i.e. Omission, Typos, Legibility, etc.)*

*Authority Media Application Untimely Use (i.e. Documentation is not completed as planned, 'Stamp/Sign as you go', etc.)*

*Authority Media Application Misrepresentation (i.e., uncertified personnel, Falsification of documentation, Work not performed as planned, etc.)*

*Authority Media Application Training Deficiencies (i.e. Ethics, Culture awareness, Proper Use of authority media, etc.)*

## **26. AS9102 -First Article Inspections**

*AS9102 first article inspection is required when specified on the purchase order. The first article shall consist of 100% verification and documentation showing compliance to the Centrix drawing, including dimensional and functional data of each item manufactured and supplied to Centrix. Centrix reserves the right to verify any or all of the characteristics documented on the FAI report at the Supplier's facility. Copies of AS9102 forms are available from Centrix upon request.*

*The following documents will be made available upon request: Applicable purchase documents, material/process certifications, manufacturing & inspection records, design data, material review actions, acceptance, and qualification test.*

*FAIs are performed on a representative sample of the first production run, and in accordance with AS9102. In addition, a full or partial (delta) FAI is performed for affected characteristics when any of the following changes occur:*

- *change in design;*
- *change in manufacturing source(s), process(es), inspection method(s), location(s) of manufacture, tooling or material(s)*
- *natural or man-made event (disaster), which may affect any manufacturing process(es)*
- *lapse in production for two years*
- *as specified by PO.*

*FAI will be recorded in Net Inspect when requested on the PO.*

## **27. Protection of Parts against Contamination or Damage**

*Parts and/ or Equipment must be boxed, banded, or shipped in a manner that will ensure no damage will occur. As a minimum, the label must contain the following information: Part number, Centrix PO number, and date of manufacture.*

## **28. ITAR / EARS**

*In performing the obligations of this agreement, both parties will comply with the United States export control and sanctions laws, regulations, and orders, as they may be amended from time to time, applicable to the export and re-export of goods, software, technology, or technical data ('items') or services, including without limitation the Export Administration Regulations ('EAR'), International Traffic in Arms Regulations ('ITAR'), and regulations and orders administered by the Treasury Department's Office of Foreign Assets Control (collectively, 'Export Control Laws'). A) The party conducting the export shall be responsible for obtaining the required authorizations. B) The party conducting the re-export shall be responsible for obtaining the required authorizations. Each party shall reasonably cooperate and exercise reasonable efforts to support*



*the other party in obtaining any necessary licenses or authorizations required to perform its obligations under this agreement. C) The party providing any items under this agreement shall, upon request, notify the other party of the items' Export Control Classification Numbers ('ECCNs') as well as the ECCN of any components or parts thereof if they are different from the ECCN of the item at issue. D) Each party represents that (i) the items, and the parts and components thereof, it is providing under this agreement are not 'defense articles' as that term is defined in 22 C.F.R Sub-Section 120.6 of the ITAR, and (ii) the services it is providing under this agreement are not 'defense services' as that term is defined in 22 C.F.R. Sub-Section 120.9 of the ITAR. The parties acknowledge that this representation means that an official capable of binding the party providing such items knows or has otherwise determined that such items, and the parts and components thereof, are not on the ITAR's Munitions List at 22 C.F.R. Sub-Section 121.1. Each party agrees to reasonably cooperate with the other in providing, upon request of the other party, documentation or other information that supports or confirms this representation. E) To the extent that such items, or any parts or components thereof, were specifically designed or modified for a military end-use or end-user, the party providing such items shall notify the other party of this fact and shall also provide the other party with written confirmation from the United States Department of State that such items, and all such parts or components thereof, are not subject to the jurisdiction of the ITAR*

### **29. DFAR- Domestic Raw Materials**

*When Centrix purchase order has included DFARS on the purchase order, the external provider agrees to comply with Defense Federal Acquisition Regulation Supplement DFAR 252.225-7014 (Alt. I), Preference for Domestic Specialty metals when this clause is specified in the purchase order. Use of foreign specialty metals may only be made with written authorization from Centrix. Note: Country of melt must be identified on certification.*

### **30. Information Security-Cyber Security**

*The external provider will implement appropriate general security risk management processes with regard to information security/cyber security and review them on a regular basis using a security risk register and treatment plan (accept, mitigate, avoid, or transfer). Centrix will be notified of any risk that may affect delivered parts or services.*

### **31. Ethical Behavior**

*The External Provider shall refrain from: a) Offering, promising, arranging for, or paying, either directly or indirectly, anything of value (including but not limited to monies, gifts and entertainment, and special favors) to any individuals, including Public Officials, for the purpose of improperly inducing that individual to perform or fail to perform his/her official duties, or to assist the External provider or Centrix in obtaining business, retaining business or securing any improper advantage; b) Offering or paying unofficial payments to Public Officials to speed up or obtain routine governmental actions (including but not limited to obtaining permits, licenses, or other official documents; processing governmental papers, such as visas and work orders; providing police protection, mail pick-up, and delivery, or scheduling inspections associated with contract performance or transit of goods across the country);c) Seeking, accepting, or paying for*

*any confidential, non-public information regarding competitors, tenders and technical specifications, bids, and bid prices.*

### **32. Anti-corruption**

*The external provider, its executives, employees, agents, and any individuals or companies that may be involved in the execution and/or the performance of the Order shall comply with all governmental statutes, laws, rules, and regulations, including but not limited to all local and international anti-corruption laws applicable to the performance of its obligations and activities under this Order. Accordingly, in the performance of the Order, the Supplier shall refrain from:*

- a) Offering, promising, arranging for, or paying, either directly or indirectly, anything of value (including but not limited to monies, gifts and entertainment and special favors) to any individuals, including Public Officials, for the purpose of improperly inducing that individual to perform or fail to perform his/her official duties, or to assist the Supplier or Purchaser in obtaining business, retaining business or securing any improper advantage;*
- b) Offering or paying unofficial payments to Public Officials to speed up or obtain routine governmental actions (including but not limited to obtaining permits, licenses, or other official documents; processing governmental papers, such as visas and work orders; providing police protection, mail pick-up, and delivery, or scheduling inspections associated with contract performance or transit of goods across the country);*
- c) Seeking, accepting, or paying for any confidential, non-public information regarding competitors, tenders and technical specifications, bids, and bid prices.*

### **33. Boeing X31764**

When the requirements indicate the purchase order is for Boeing the external providers will comply with the requirements of Form X31764 "Boeing Quality Purchasing Data Requirements". The external provider will review form X31764 via the Doing Business with Boeing website to ensure the current revision is on file and the external provider is in compliance.

### **34. Boeing FAA statement-When referenced on Purchase Order the parts are for Boeing**

*"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."*

### **35. Current Revision**

*It is the responsibility of the External provider to review the current revision of this document with the acceptance of each purchase order. This document is available via the Centrix website, [https://centrix-us.com/under the "Quality" dropdown](https://centrix-us.com/under the \).*

### **36. Application of Requirements by External Provider type, unless otherwise stated:**

**Raw Materials: Raw Materials: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 34**

**Machining, Grinding, Welding: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33(Welding only), 34**

**Metal Finishing: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33,34**

**NDT: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32,33, 34**

**Part Standards: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 32, 34**

**Calibration: 1, 2, 3, 4, 5, 6, 7, 9, 11, 13, 15, 16, 18, 19, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 32, 34**

**Testing: 1, 2, 3, 4, 5, 6, 7, 9, 11, 13, 15, 16, 18, 19, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 32, 34**

**Permanent Consumables (Paint, Part mark Ink, etc.): 1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 34**

**Hazardous Waste Disposal & Scrap Disposal: 1, 3, 4, 5, 6, 7, 11, 13, 14, 15, 16, 18, 20, 21, 22, 23, 24, 25, 28, 29, 30, 31, 32, 34**