

SUPPLIER QUALITY REQUIREMENTS

This Quality Assurance Specification establishes the specific requirements that apply when one or more of the following Quality Requirements (QR's) are specified on Industrial Automation (IA) Purchase Orders. These requirements are in addition to those set forth in any other contractual document. The provisions indicated herein are an integral part of the Purchase Order.

Compliance with these requirements does not reduce Seller responsibility for furnishing materials and services which fully comply with all applicable Drawing(s) and Specification(s), nor does it guarantee acceptance of materials or services by Industrial Automation Inc. In the event that materials or services are found to be defective and cannot be demonstrated by the Seller to be in conformance with the Purchase Order, Industrial Automation has the right to reject them.

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1. INSPECTION SYSTEM REQUIREMENTS:

The Seller shall provide and maintain an inspection system in conformance with:

- NADCAP
- ISO 9001, latest revision
- AS9100, latest revision
- or other Quality System approved by Industrial Automation Inc.

2. CONTROL OF CHANGES:

Seller agrees not to make any change in materials or design details or other product which would affect the part or any component part thereof without prior written Buyer approval. The seller will notify and obtain approval by the buyer of change in location of manufacture. The Seller will identify, on the Certificate of Conformance and/or packing sheet, the as-built revision level of the end item product being delivered.

3. SUPPLIER CORRECTIVE ACTION:

Seller shall, on request, on forms designated by Buyer, provide statements of corrective action on failures of seller's hardware or quality system. Corrective action statements, at Buyer's option may require approval signature by Buyer and Government Quality representative. All rejected articles resubmitted by seller to Buyer shall bear adequate identification including reference to Buyer's rejection document. Multiple incidents may result in the Seller's removal from Buyer's Approved Supplier List.

4. RIGHT OF ENTRY:

(1) The Buyer, their customer and regulatory authorities shall be granted the right of access to all seller's facilities involved in the order and all applicable quality records.

(2) The right to verify at the seller's premises that subcontracted product conforms to specified requirements. Such verification shall not be used by the seller as evidence of effective control of quality by the supplier.

5. SHELF LIFE AND TEMPERATURE SENSITIVE MATERIALS: The Seller shall identify all materials and articles which have definite characteristics of quality degradation with age or environment. The Seller shall affix this information directly on the material container or article. This identification shall indicate the date useful life was initiated and the date or cycle at which the useful life will be expended. When environment is a factor in determining useful life, the identification shall include the storage condition (i.e., temperature, humidity, etc.) required to achieve the stated life. A minimum of 75% of the applicable material/article shelf life shall remain upon receipt of the material by Buyer or the material is subject to rejection and return to the seller.

6. PACKAGING AND BUYER PROPERTY:

Unless otherwise specified by the item drawing, specification or purchase order, the seller is responsible for assuring that all items are delivered without damage or deterioration and are efficiently and economically packed for the method of transportation and type of handling involved. Unit and intermediate packaging will be employed as necessary to prevent damage or deterioration. Any materials, drawings, tools, jigs, dies, fixtures, or any other property supplied or paid for by Buyer will remain the property of Buyer and must be returned to Buyer upon Buyer's request. Seller shall not duplicate, reverse-engineer, or otherwise use Buyer's property except for performance of work under the Purchase Order or as authorized in writing by Buyer's authorized representative.

7. SAFETY DATA SHEETS:

Materials(s) noted on this purchase order must be supplied in accordance with OSHA's hazard communication standard 29CFR1910-1200, OSHA instruction CPL2-2.38 dated May 10, 1998 and Washington State codes 296-62-05413. All first-time orders MUST be supplied with "Safety Data Sheets". Materials not received in compliance with aforementioned OSHA requirements and Washington State codes will be subject to immediate rejection and return at supplier's expense.

In addition, if Seller is aware of any additional precautions and/or handling techniques instituted with regard to other customers, seller is requested to submit those safeguards with SDS.

Seller is required to forward a Toxic Substances Control Act (TSCA) certification letter to the Buyer for any applicable product(s) purchased on this purchase order with the statement that every chemical component of the product(s) is listed by the Toxic Substances Control Act Inventory (P.L. 94-94-969).

8. IDENTIFICATION:

Parts, assemblies and components shall be identified as specified on the engineering drawing. When identification is not specified on the engineering drawing, the product shall be identified with the part number specified on the purchase order. When items are too small to easily identify, they may be bagged and tagged with the proper identification indicated on the bag or tag. Raw material procured to Federal, Military, Aerospace or other specification shall be marked and identified per the requirements of the identification specification which is referenced in the controlling (i.e. Federal, Military, Aerospace, etc.) specification.

9. CALIBRATION SYSTEM REQUIREMENTS:

Seller shall have a calibration system that assures compliance with NIST / ANSI / NCSL Z540-1-1994 "American National Standard for calibration". Any deviation or waiver to this requirement must be approved by Buyer's Material and Quality Assurance Representatives.

10. CERTIFICATE OF CONFORMANCE:

Each shipment will be accompanied by a legible and reproducible copy of a Certificate of Conformance with the signature of responsible representative stating material, process, or article being shipped meets requirements of applicable drawings or specification cited in Purchase Order. Supplier will include date of manufacture on Certificate of Conformance. If an Outsource Procurement Specification is called out on the Purchase Order, include the revision level.

11. MATERIAL TEST REPORTS:

A legible and reproducible copy of material test reports will accompany each shipment. Test reports will be identified with specification number and heat and/or cure lot number. Chemical and physical test reports will include actual numerical values for each property tested in accordance with the applicable specification. When more than one specimen is required, test results of each are required on the report. Specification and revision will be shown on each test report furnished.

12. CERTIFIED TEST DATA:

A legible and reproducible copy of certified test data will accompany each shipment of material, parts, or assemblies. Test will be identified with specification number and heat and/or cure lot number. Chemical and physical test data will include actual numerical values for each property tested in accordance with the applicable specification. Specification and revision will be shown on each report furnished. Test data will include the following statement (or equivalent): "Test reports are on file and available upon request."

13. APPROVED PROCESS REQUIREMENTS:

A legible and reproducible copy of special process certifications (i.e. testing, heat treat, nondestructive testing, etc.) will accompany each shipment of material, parts, or assemblies. Special processes will be performed by accredited process facilities and, if required by contract, customer (process specification owner) approved sources.

14. FIRST ARTICLE INSPECTION:

A legible and reproducible copy of the Seller's First Article Inspection (FAI) performed on the initial part or lot (as applicable) at the detail, subassembly and/or assembly level will accompany applicable shipments unless otherwise agreed upon in writing by Buyer. The results of the FAI shall indicate 100% conformance to engineering drawing characteristics, special processes, functional test and laboratory requirements. Subsequent (Delta) FAI's shall be performed and sent with applicable orders if tooling rework or modification and/or change(s) in supplier's manufacturing method occur. Engineering drawing revisions will require a new FAI incorporating the differences and/or tool proofing inspection.

The First Article Inspection will include a complete, independent, and documented physical and functional inspection process to verify that prescribed production methods have produced an acceptance item as specified by engineering drawings, planning, purchase order, engineering specifications, and/or other applicable design documents.

14.1 FIRST ARTICLE INSPECTION TO AS9102:

A legible and reproducible copy of the Seller's First Article Inspection (FAI), compliant with AS9102 latest revision, performed on the initial part or lot (as applicable) at the detail, subassembly and/or assembly level will accompany applicable shipments. The results of the FAI shall indicate 100% conformance to engineering drawing characteristics, special processes, functional test and laboratory requirements. Subsequent (Delta) FAI's shall be performed and sent with applicable orders if tooling rework or modification and/or change(s) in supplier's manufacturing method occur. Engineering drawing revisions will require a new FAI incorporating the differences and/or tool proofing inspection.

The First Article Inspection will include a complete, independent, and documented physical and functional inspection process to verify that prescribed production methods have produced an acceptance item as specified by engineering drawings, planning, purchase order, engineering specifications, and/or other applicable design documents. If the product has not been produced for the Seller within 2 years, a completely new FAI is required.

15. REPORT OF DISCREPANCY:

Any departure from drawing specifications or other purchase order requirements must be documented by the Seller and submitted to the Buyer for consideration and disposition. A copy of this disposition document must accompany each affected shipment.

15.1 REPORT OF ESCAPE:

The Seller upon discovery of a shipment / delivery of nonconforming product must provide a notice of disclosure to the Buyer within 48 hours of discovery.

15.2 NOTIFICATION OF NON-COMPLIANCE:

When an out-of-tolerance condition is discovered on a measuring device being calibrated by an approved Calibration Lab used by Industrial Automation Inc., that facility will contact Industrial Automation immediately.

16. TRACEABILITY/LOT AND BATCH CONTROL:

Seller must maintain lot and batch control of raw materials to purchased items. Seller must provide positive traceability of manufactured parts and assemblies to raw materials through the use of lot/batch, serial numbers or date of manufacture, as applicable, for all items in the shipment.

17. SUPPLIER RECORDS:

The Seller shall maintain records of product delivered to buyer for a period of at least ten (10) years from shipment.

18. STANDARDS OF CONDUCT:

(a) Seller represents that neither it nor any of its officers, directors, employees, agents, contractors or other representatives has offered or shall offer or promise to pay, or authorize the payment of, any money or services or anything else of value, either directly or indirectly through a third party, or via any kickback to any political official or employee of a public agency or government entity for the purpose of (i) influencing any act or decision of that person in his official capacity (ii) inducing such person to use his influence to affect or influence any act or decision thereof or (iii) securing any improper advantage. Seller warrants and represents that it will maintain its books and records under "generally accepted accounting principles", and in a proper, responsible and honest manner, in order for Buyer and the Seller to comply with applicable United States and International laws. (b) Seller warrants and represents that it has not been convicted of, or pleaded guilty to, an offense involving fraud, corruption, or moral turpitude, and it is not now listed by any Government agency as being debarred, suspended, proposed for suspension or debarment, or otherwise ineligible for participation in Government procurement programs or other Government contracts. (c) Seller represents and warrants that, to the best of its knowledge and belief, neither it nor any of its officers, directors, employees or agents, are presently, nor does it have any reason to believe that it or they may become, the subject of any investigation by any agency or other law enforcement body in connection with a government procurement matter that could materially impact its ability to perform its obligations under the Purchase Order. (d) Further, in the event that either Seller (i) becomes the subject of such an investigation, (ii) has reason to believe that it might become the subject of such an investigation, or (iii) has credible evidence that a principal, employee, agent, or subcontractor of Seller has committed a violation of law involving false claims, fraud, conflict of interest, bribery, kickbacks, or gratuity violations, it shall immediately notify Buyer and promptly provide Buyer with a detailed written explanation of all the material facts and circumstances of such actual or potential investigation, except to the extent restricted by a governmental agency. (e) Seller represents it does not have any organizational conflict of interest identified by applicable regulation or prime contract term related to this Agreement.

19. SUPPLIER FLOW DOWN TO SUB-SUPPLIER:

The Seller shall flow down to sub-tier suppliers the applicable requirements in the purchasing documents. In addition, Sub-tier suppliers are expected to conduct their business in an ethical manner, with due regard to personal and product safety, and with a commitment to provide only genuine parts and materials. (Ref. definition of *Counterfeit part* in AS9100D.) Seller shall maintain a documented method of identifying counterfeit parts.

20. ITAR REGISTRATION REQUIREMENTS:

Seller shall comply with International Traffic in Arms Regulations Section 122.1, Registration Requirements.

21. USA LAWS & REGULATION COMPLIANCE:

Seller shall have in effect all licenses, permits and authorizations, and cyber security standards that are legally necessary or commercially advisable to perform the Purchase Order, including any obligations post-delivery of Goods or Services. Seller shall at all times abide by all local, regional and international laws, rules and regulations applicable to its activities including, but not limited to, (1) the United States Foreign Corrupt Trade Practices Act of 1977, as amended; (2) U.S. Export Administration Regulations; (3) USA Patriot Act, as amended; (4) U.S. Treasury Regulations; (5) anti-dumping laws; and (6) all other U.S. or international laws and regulations related to Seller's requirements under this purchase order. Seller represents and warrants that the Goods or Services to be delivered pursuant to the purchase order did not originate from prohibited sources, such as Iran or North Korea. Seller represents and warrants that it will not provide covered telecommunications equipment or services (as defined in FAR 52.204-25 and 52.204-26) to Buyer or the Government in the performance of this order. Seller further warrants that it does not use covered telecommunications equipment or services, or use any equipment, system, or service that uses covered telecommunications equipment or services. If Seller will provide or does use such equipment or services, Seller will immediately contact Buyer for appropriate disclosures pursuant to applicable Federal Acquisition Regulations. Seller agrees to comply fully with all applicable U.S. Laws and Regulations as they may apply to the export of any hardware, software, defense service or technical data (collectively "Data") provided by, through or with the cooperation of Seller in the performance of this subcontract in the U.S. or abroad or under any export license or exemption issued to Buyer. Seller agrees that it will not permit the re-export of data, including to foreign persons, employed by or associated with, or under contract to Seller or Seller's lower-tier suppliers, without the prior written consent of Buyer and under authority of an Export License or applicable

License Exemption. By accepting this purchase order: (1) Seller affirms that it is not debarred, suspended, proposed for debarment, or otherwise ineligible from doing Government business. Seller shall immediately disclose to Purchaser if it is debarred, suspended, proposed for debarment, or otherwise ineligible. (2) Seller affirms that for Government business, its latest representations and certifications are complete in the System for Award Management (SAM). (3) To the extent Seller is subject to NIST 800-171 requirements in accordance with DFARS 252.204-7012, Seller represents it has completed a basic NIST assessment and has submitted or will submit such assessment to the Government's Supplier Performance Risk System. (4) Seller affirms it abides by applicable laws that prohibit discrimination against qualified individuals based on status as protected veterans, disabilities, race, color, religion, sexual orientation, sex, gender identity, or national origin.

22 WARNING CONCERNING TECHNICAL DATA SUBJECT TO U.S. EXPORT LAWS & REGULATIONS:

Information furnished to Seller under this solicitation/Purchase Contract may contain data subject to U.S. Export Laws and Regulations. Seller is advised that such data may not be exported or re-exported to foreign persons, employed by or associated with, or under contract to Seller or Seller's lower-tier suppliers, without the prior written consent of Buyer and under authority of an Export License or applicable License Exemption. If such data is marked as Export Controlled, Seller indemnifies and holds Buyer harmless from and against any and all claims, liabilities and expenses resulting from Seller's failure to comply with the Export Laws and Regulations of the United States.

23 ACCEPTANCE AUTHORITY MEDIA:

Supplier's quality system shall include adequate controls of Acceptance Authority Media (AAM). This shall include but not be limited to:

- Application Errors (i.e. Omission, Typos, Legibility, etc.).
- Untimely Use (i.e. Documentation is not completed as planned, "Stamp/Sign as you go", etc.).
- Misrepresentation (i.e. Uncertified personnel, Falsification of documentation, Work not performed as planned, etc.).
- Training Deficiencies (i.e., Ethics, Culture awareness, Proper use of authority media, etc.).

24 ADDITIONAL TERMS AND CONDITIONS FOR GOVERNMENT ORDERS:

Where this Purchase Order is in support of a U.S. Government contract (including U.S. Government Foreign Military Sales (FMS)) at any tier, the Commercial Item provisions of Federal Acquisition Regulations, including but not limited to, (FAR) 52.204-16 and FAR 52.244-6 are incorporated herein by reference, with the same force and effect as if they were provided in full text. Seller shall include the applicable terms of these clauses in subcontracts or purchase orders awarded under this Purchase Order (full text can be found at <https://www.acquisition.gov/far/>). Seller agrees to comply with other U.S. Government contract requirements and flow-down provisions, as applicable, including but not limited to, Buy American Act provisions and the Defense Priorities and Allocations System (15 CFR 700, FAR 52.211-15), FAR and Defense Federal Acquisition Regulation Supplement (DFARS) flow-down provisions applicable to this Purchase Order, which can be found at <https://www.iagse.com/FAR.pdf>.

25 ADDITIONAL TERMS AND CONDITIONS FOR BOEING ORDERS:

Where this Purchase Order is in support of a contract or purchase order for The Boeing Company (Boeing), additional terms and conditions apply as indicated at <https://www.iagse.com/Boeing.pdf>.

SUPPLIER CATEGORIES (SCOPE):

OP	Outside Processors
OS	Outside Services
RM	Raw Material
SC	Subcontractors
SP	Standards, Parts & Hardware

OP ~ Outside Processor

(Finish, Heat Treat, Boeing D1-4426 process suppliers)

QR Notes for Purchase Orders: 1, 2, 3, 4, 6, 9, 10, 13, 15, 15.1, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25.

OS ~ Outside Services

(Calibration, Outside Test Labs)

QR Notes for Purchase Orders: 1, 2, 3, 4, 6, 9, 10, 12, 15, 15.1, 15.2, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25.

RM ~ Raw Material

(Raw materials used in fabrication of Customer Product)

QR Notes for Purchase Orders: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 15, 15.1, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25.

SC ~ Subcontractors

(Customer parts built by Machining Technology suppliers to customer drawing)

QR Notes for Purchase Orders: 1, 2, 3, 4, 6, 10, 13, 14, 15, 15.1, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25.

SP ~ Standards, Parts & Hardware

(Fasteners, bushings, latches, catalogue parts, etc.)

QR Notes for Purchase Orders: 1, 3, 4, 5, 6, 7, 8, 9, 10, 15, 15.1, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25.

REVISION HISTORY

Date	Rev.	Description of Change	Approved By
2-21-2019	New	N/A	KE
2-25-19	A	Referenced amended KPIs.	KE
2/2/2021	B	Added QR 24 and the statement "QR NOTES 21-23 APPLY TO ALL SUPPLIERS".	AH
6/21/2021	C	Added verbiage to QR 2 and QR 3.	AH
3/17/2023	D	Added additional language for flow-down of contract requirements, revised several QR Notes.	KE
3/20/2024	E	Added counterfeit parts verbiage and QR 25.	KE