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Supplier Quality System Requirements




This document was established in order to meet specific work requirements and ensure conformance to established quality and safety standards.

This document will be reviewed at least every 12 months.


Process Owner:	Senior Director of Quality
Stakeholder:	Director of Property and Supply Chain Management

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1.0 PURPOSE AND SCOPE

The intent of this document is to establish quality control requirements for suppliers and subcontractors. For the purposes of this document, suppliers and subcontractors will be collectively referred to as “suppliers,” and the Purchase Order (PO) or Subcontractor Agreement issuer will be referred to as “Yulista.” “Purchasing Representative” refers to Yulista’s Buyer. This document provides a standard approach to supplier requirements while allowing for contract-specific compliance as necessary.

2.0 ROLES AND RESPONSIBILITIES

Suppliers must comply with the requirements outlined in this document. If a supplier requires an exception, they must submit a Supplier Deviation Request (Appendix A) to the Purchasing Representative (Buyer) for approval before accepting a PO. If a conflict exists between this document and the PO, the PO takes precedence.

Supplier Contribution

Suppliers are responsible for providing a completed **YF-8.4.0-05, Vendor/Subcontractor Evaluation Record** conforming products and/or services, ensuring safe practices, and maintaining ethical standards per **YM-PURCoC-01, Yulista Code of Conduct**.

The supplier will establish safe practices within its organization in order to protect the life and health of employees, contractors, subcontractors, and other personnel in supplier facilities. These practices will be implemented to prevent loss through injury, disablement, or damage to property, materials, equipment or the environment. The supplier will also enforce the importance of ethical behavior within its workplace, as well as within any applicable element of its supply chain. More information regarding ethical requirements of suppliers can be found in **YM-PURCoC-01, Yulista Code of Conduct**.

Supplier Interactions with the Contractor

Changes in pricing, delivery specifications, scope of work, and other directives will be communicated in writing by the contractor’s Purchasing Representative. Noncompliance may result in shipment rejection and/or removal from the Approved Vendor List (AVL).

Deviations and Substitutions


Suppliers must comply with PO requirements. Deviations, changes, and substitutions are only permissible with written approval via a change order or deviation request submitted to Yulista’s Purchasing Representative. Unauthorized substitutions may result in rejection of shipments.

Product Notices

Suppliers must electronically submit all product-related notifications, including Product Change Notifications (PCN), Product Discontinuation Notices (PDN), End-Of-Life Notifications (EOL), and GIDEP notices, to productdefinition@yulista.com and supplier.quality@yulista.com.

Defense Priorities and Allocations System (DPAS) Compliance

Our company is committed to full compliance with the Defense Priorities and Allocations System (DPAS) regulation, as outlined in 15 CFR Part 700. When applicable, rated orders received under DPAS will be clearly identified and flowed down to all relevant suppliers and subcontractors in accordance with federal requirements.

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Suppliers are required to accept and prioritize all rated orders in accordance with their rating level (DX or DO), unless a valid exception applies. Suppliers must:

- Acknowledge receipt of the rated order in writing within the timeframes specified by DPAS (15 working days for DO-rated, 10 working days for DX-rated).
- Prioritize performance and delivery of rated orders ahead of all lower-rated or unrated orders.
- Flow down DPAS requirements to their own suppliers and subcontractors as necessary to ensure compliance.
- Maintain records of all rated orders and related communications for a minimum of three (3) years.

In the event a supplier is unable to fulfill a rated order, they must notify Yulista immediately in writing with the specific reasons for non-acceptance or delay.


Failure to comply with DPAS requirements may result in contract termination and potential legal consequences.

3.0 TRAINING

Departments / Programs Requiring Training	Position	Frequency / Comments
Supplier Quality	All levels	As revised
Purchasing	All levels	As revised

4.0 DEFINITIONS AND ACRONYMS

ANSI	American National Standards Institute
ATP	Acceptance Test Plan
AVL	Approved Vendor List
AWS	American Welding Society
BGA	Ball Grid Array
BTP	Build-to-Print or Build to a drawing
CC	Critical Characteristics
CCA	Circuit Card Assembly
CCAP	Counterfeit Components Avoidance Program
COA	Certificate of Authentication
CoC	Certificate of Conformance
CARC	Chemical Agent Resistant Coating
CSI	Critical Safety Items
ESD	Electrostatic Discharge
FAI	First Article Inspection
FIFO	First In - First Out
FOD	Foreign Object Damage
GHS	Globally Harmonized System
GIDEP	Government-Industry Data Exchange Program

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HAZMAT	Hazardous Material
JACG	Joint Aeronautical Commanders Group
MIL-SPEC	Military Specification
MTR	Material Test Report
NCR	Nonconforming Material
NIST	National Institute of Standards and Technology
ODC	Ozone Depleting Chemical
ODS	Ozone Depleting Substance
OEM	Original Equipment Manufacturer
OCM	Original Component Manufacturer
OSHA	Occupational Safety and Health Administration
PCB	Printed Circuit Board
PO	Purchase Order
QMS	Quality Management System
QPD	Qualified Product Database
RMA	Return Material Authorization
RTS	Return to Supplier
RoHS	Restriction of Hazardous Substances
SCAR	Supplier Corrective Action Request
SDS	Safety Data Sheet
SOW	Statement of Work
SPC	Statistical Process Data
TDP	Technical Data Package

5.0 QUALITY CLAUSE CATEGORIES

CLAUSE SET 100, GENERAL QUALITY CLAUSES

The clauses specified in this section apply to all suppliers and distributors.

QC-101 PROCESS CONTROL


Suppliers providing products or services required to meet AS9100/AS9110 or other higher-level contract quality requirements IAW FAR 52.246-11, must maintain control and approval over all manufacturing processes, ensuring compliance with process qualification requirements. Any changes affecting fit, form, or function must be approved by Yulista's Purchasing Representative.

QC-102 APPROVAL OF PRODUCTS AND SERVICES

Supplier acceptance of a PO confirms that they have the resources to meet contractual requirements. Nonconforming products due to insufficient resources may result in disqualification from the AVL.

QC-103 RELEASE & DISPOSITION OF PRODUCTS AND SERVICES

Supplier compliance with this document and PO requirements is mandatory before releasing products or services. Nonconforming product must not be delivered unless prior authorization is received in writing.

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QC-104 RIGHT TO ACCESS: SURVEYS AND AUDITS

Yulista reserves the right to audit supplier facilities and operations to verify compliance to all contractual and quality requirements. Additional inspection rights may be specified in the PO.

QC-105 SUB TIER-SUPPLIERS

The supplier is required to assure that their sub-suppliers maintain an adequate inspection and quality system to assure product conformance. Suppliers must flow down all requirements on any associated PO or subcontract agreement, including key characteristics, to all sub-suppliers. The use of sub-suppliers does not release the supplier of responsibility for the end product or service to the contractor.

QC-106 SUPPLIER QUALIFICATION AND CONTINUED MEASUREMENT

The supplier shall maintain a Quality Management System (QMS) or equivalent quality assurance practices sufficient to meet the requirements for products and/or services as defined by Yulista. Although formal certification to standards such as ISO 9001, AS9100, AS9110, or AS9120 certification is preferred, it is not mandatory. Suppliers lacking formal certification may be evaluated and approved by Yulista based on their demonstrated capability, reliability, and compliance with contractual and regulatory requirements, including applicable FAR clauses and quality standards.

Yulista reserves the right to flow down specific QMS requirements to suppliers to ensure the integrity and quality of purchased products and services, minimize risks, and maintain compliance with all contractual and regulatory obligations. Suppliers will be assessed for approval and inclusion on the Yulista Approved Vendor List (AVL) through one or more of the following methods: anti-counterfeiting controls; demonstrated capability assessments (on-time delivery, product conformity, etc.); product evaluations; compliance with purchase order requirements; quality system reviews or audits; and effectiveness and timeliness of corrective actions.

Continued supplier inclusion on the AVL is contingent upon consistently satisfactory delivery performance, positive incoming inspection acceptance, adherence to required service levels, and successful periodic evaluations conducted by Yulista.


Continued measurement of approved suppliers is based on the aforementioned elements in the form of a supplier rating. This rating will provide comparative measures for determining procurement sources and is calculated by a combination of the following:

- Product acceptance is 50% of the overall score to include all non-conformances found during any inspection or testing process as well as any SCARs issued, and
- On-time delivery performance is 50% of the overall score.

QC-107 RESERVED

QC-108 QUALITY RECORDS

Suppliers' must retain quality records for seven (7) years, and Critical Safety Item (CSI) records for an additional seven (7) years. At a minimum, records must include product identification, inspection/test results, and nonconformance data. If your contract requires compliance with AS9100 or FAR 52.246-11, additional documentation retention requirements may apply. Upon request, these records will be made available to Yulista within two (2) business days.

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QC-109 CERTIFICATE OF CONFORMANCE (COFC)

Suppliers must provide a Certificate of Conformance (CofC) for all manufactured parts, special processes, and critical components. A CofC serves as written verification that all materials, processes, and finished items meet the purchase order (PO) requirements and conform to the applicable standards, specifications, and contract terms.

While specific contract requirements vary, suppliers should be aware that CofCs are often required when the following FAR and DFARS clauses are included in a contract:

- FAR 52.246-15 – Certificate of Conformance (explicitly requires a CofC)
- FAR 52.246-1 – Contractor Inspection Requirements (places responsibility on the contractor to ensure compliance, often requiring CofCs from suppliers)
- FAR 52.246-2 / 52.246-3 – Inspection of Supplies (Fixed-Price & Cost-Reimbursement) (requires contractors to verify compliance, often necessitating CofCs)
- FAR 52.246-11 – Higher-Level Contract Quality Requirement (enforces quality system compliance, such as AS9100D, which requires CofCs for traceability)
- DFARS 252.225-7008 / 252.225-7009 – Restriction on Acquisition of Specialty Metals (requires a Mill Test Report (MTR) or equivalent certification)
- DFARS 252.246-7008 – Sources of Electronic Parts (requires a Certificate of Authenticity (COA) or CofC from an Original Component Manufacturer (OCM) or authorized distributor)

For special processes (e.g., plating, heat treating, welding, calibration), suppliers must provide process certifications that:

1. Reference the applicable industry standard (e.g., ASTM, AS, MIL-STD) and revision level in effect at the time of processing.
2. Include a traceable reference such as lot number, PO number, serial number, or work order number.


For materials subject to DFARS compliance, the supplier's packing slip and/or MTR must clearly state compliance with DFARS 252.225-7008 or 252.225-7009 when applicable.

Supplier quality records must be maintained per AS9100D Section 8.4 (Control of Externally Provided Processes, Products, and Services) and provided upon request.

For a full list of FAR/DFARS clauses applicable to your PO, please reference the Yulista Vendor Information Page at <https://yulista.com/vendor-information/>.

When CofCs are a requirement on the contract, suppliers shall adhere to the following:

A CofC from an original equipment manufacturer (OEM) or original component manufacturer (OCM) of a product can be used in lieu of a supplier's (i.e. distributor, etc.) CofC. The OEM / OCM must provide traceability to the item on the original PO (e.g. part number, MIL-SPEC or MIL-STD, NSN number, etc.).

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Certificates of Conformance requirements:

- Supplier's name and address
- Purchase Order number, Yulista part number / Revision Number, OR a commercial OEM P/N, P/N. **NOTE:** When procuring to a manufacturer's P/N or Industry Specification (typically "commercial off-the-shelf" items), the Yulista P/N and Revision level are not required (typically build-to-print items or services).
- CofC must be legible.
- If a CofC includes a signature line or field, it must be signed by an authorized agent or include typed or printed name and dated. A QC stamp is acceptable.
- Any process or material certs must be tied to the CofC by a minimum of one of the following: lot number, P.O. number, or item serial number.

QC-110 HANDLING, STORAGE, PACKAGING AND DELIVERY

The supplier's packing sheet and invoices are to reflect the same military specification (MIL-SPEC) and supplier's part numbers listed on the PO or subcontractor agreement.

If your contract requires compliance with MIL-STD-2073 or other military/commercial packaging standards, you must follow the specified packaging and labeling instructions; CSI items are to be in compliance with AMCOM 702-7 or the Aviation Critical Safety Management Handbook (Joint Aeronautical Commanders Group (JACG)). If hazardous materials are being shipped, you must comply with OSHA and DOT hazardous material regulations.

Materials are to be shipped in containers in keeping with good commercial practices to preclude any damage or loss incurred during shipping and storage. Materials in boxes will be shipped in boxes rated for the weight contained. Where the possibility of spoilage exists, items in storage will be date stamped, coded, etc., and used on a first in - first out (FIFO) basis.


Areas used for handling, storage, packaging, inspection, and test of products or services will be clean, safe, and well organized to ensure that they do not adversely affect quality or personnel performance. The transporting of material will be such as to avoid damage to the material and/or installed/completed equipment. Each container should have a consistent number of parts except the final container, which may have a quantity difference. Each container will be identified with the part number, revision, and quantity.

QC-111 PART IDENTIFICATION

If your contract requires MIL-STD-130 or other part identification standards, all items must be marked accordingly. If your contract includes FAR 52.246-11, you must ensure traceability of part markings and labels.

QC-112 FOREIGN OBJECT DAMAGE (FOD)

Material supplied to the contractor will be manufactured in an environment free of foreign objects and will be free of foreign objects upon delivery. If you are supporting a contract that includes FAR 52.246-11, you must implement FOD prevention measures in accordance with AS9100 and industry best practices. Your FOD program must include training, inspection, and mitigation procedures to prevent contamination of products. If specified in your PO, additional FOD control requirements may apply.

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QC-113 COUNTERFEIT AVOIDANCE PLAN

If you are supporting a contract that includes FAR 52.246-11, you must maintain a counterfeit parts prevention plan in compliance with AS9100 and DFARS 252.246-7007 or DFARS 252.246-7008. Your plan must include material authenticity verification, supplier controls, and risk mitigation for counterfeit components. If specified in your PO, additional counterfeit prevention measures may be required.

If your PO includes DFARS 252.246-7007 or DFARS 252.246-7008, you must maintain a counterfeit parts prevention plan and ensure material authenticity. If supplying electronic components, additional authentication requirements may apply.

QC-114 SUPPLIER CORRECTIVE ACTION REQUEST (SCAR)

If you receive a SCAR, you must provide a root cause analysis and corrective action plan within 14 calendar days unless an extension is approved. If FAR 52.246-11 applies, additional corrective action tracking may be required.

If you are supporting a contract that includes FAR 52.246-11, you must implement a corrective action system in compliance with AS9100. SCAR responses must include root cause analysis, corrective actions, and verification of effectiveness within the specified timeframe as communicated on the SCAR unless an extension is granted. If specified in your PO, additional corrective action tracking may be required. No response to any SCAR can result in PO Hold or removal from the AVL.

QC-115 MATERIAL RETURN TO SUPPLIER REQUIREMENTS

When a Return Material Authorization (RMA) is requested from a supplier the following are required:


- Ship to address with contact person (if applicable).
- Method of shipping (FEDEX, UPS account number, etc.)
- A copy of the contractor nonconforming material report (NCR) will be included with the returned material.

CLAUSE SET 200, DISTRIBUTORS (CONNECTORS, ELECTRONICS, CONSUMABLES, TOOLING, ETC.)

QC-201 CRITICAL SAFETY ITEMS (CSI) AND LIMITED LIFE

If you are supplying Critical Safety Items (CSIs) or limited-life items to a contract supporting the U.S. Army, you must ensure compliance with AS9017, QE-STD-1, and AMCOM Regulation 702-7, as these standards are Army-specific and governed by Aviation and Missile Command (AMCOM) requirements. Additionally, limited-life items must have at least 50% of their shelf life remaining at the time of delivery unless otherwise approved. If FAR 52.246-11 (Higher-Level Contract Quality Requirement) applies, you may also be required to provide additional lifecycle tracking documentation to ensure compliance with Army sustainment policies.

For all other DoD branches (Air Force, Navy, Marine Corps, Space Force) and Other Government Agencies (OGAs) such as NASA and the Department of Energy (DOE), compliance with CSI and limited-life item regulations will vary based on agency-specific requirements. While AS9017 may still apply, these organizations may impose additional or alternative quality control

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measures, including compliance with AS9100, MIL-STD-1535, NAVSUPINST 4423.29, or agency-specific procurement and sustainment policies. Contractors should carefully review solicitation and contract requirements to ensure full adherence to the appropriate quality and lifecycle management standards.

QC-202 ELECTRONIC COMPONENTS

Yulista will not accept electronic components from suppliers subject to a "Stop Shipment Order" as identified by the Government Industry Data Exchange Program (GIDEP).

Supplier and Traceability Requirements

1. Original Component Manufacturer (OCM)

- Must provide a CoC verifying authenticity.

2. Authorized Distributors (OCM/OEM Approved):

- Must provide full traceability to the original manufacturer.
- Each delivery must include a copy of the component manufacturer's Certificate of Conformance (CoC).

3. Independent Distributors or Brokers (Not OCM Approved):


- Must provide full traceability to the original manufacturer.
- A copy of the Original Component Manufacturer's (OCM) CoC must accompany each delivery.
- If the manufacturer's CoC is unavailable, components must be tested per:
 - AS6081 – Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition
 - CCAP-101 – Counterfeit Components Avoidance Program - Distributors
- Test results must be submitted to the contractor via the Purchasing Representative and approved by Quality before delivery.

Electrostatic Discharge (ESD) Protection

- Compliance with ANSI/ESD S20.20 is required where applicable.
- Static-sensitive components must be:
 - Packaged in a conductive frame or placed in conductive elastomer/foam.
 - Labeled externally on at least two sides to indicate static-sensitive devices.

Packaging, Marking, and FIFO Compliance

- Packaging and marking must support First In, First Out (FIFO) inventory control.
- Suppliers should separate and identify lots containing multiple date codes.
- Product marking must comply with MIL-STD-130 (Identification Marking of U.S. Military Property) per paragraphs 5.3.1 through 5.3.7.

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Lead-Free Exemptions and Soldering Compliance

- Electronic components procured are exempt from the Restriction of Hazardous Substances (RoHS) directive.
- Components with finishes exceeding 95% tin (Sn) must contain at least 3% lead (Pb) to mitigate tin whisker risks.
- Components requiring soldering must conform to IPC J-STD-002 solderability requirements.
- Components requiring tinning must be tested and certified per:
 - IPC/EIA J-STD-002 (Sections 4.3.1 & 4.3.2 – Wetting Balance Tests)
 - IPC/EIA J-STD-013 (Implementation of Ball Grid Array & High-Density Technology)

If only lead-free components are available, the contractor must obtain a Supplier Deviation and government approval/deviation for each task or delivery order before proceeding. A lead-free risk analysis and mitigation strategy may be required for approval.

QC-204 PAINT, PRIMER AND COATINGS

The contractor will only accept paint, primer, and coatings that are manufactured to military specifications (MIL-SPEC) from qualified product database (QPD) approved manufacturers, as determined by the QPD. The QPD database must be accessed (<http://qpldocs.dla.mil>) to verify that the correct combination of color/type/class, etc. is approved, and a manufacturer for this combination must be used. The QPD-approved manufacturer must be identified on all quotes and material certifications. The supplier is responsible for passing contractor MIL-SPEC purchase requirements to all sub-suppliers, including the OEM. The CoFC for all QPD managed MIL-SPEC items must include the original manufacturer of the product.


Suppliers providing painting and finishing services that include chemical agent resistant coating (CARC) paint and/or coatings will complete testing requirements in accordance with (IAW) MIL-DTL-53072 CARC System Application Procedures and Quality Control Inspection. This requirement will be applied to all drawings that call for CARC painting and/or coating, regardless of the source or owner of the drawing.

Paint, primer, and coating deliveries will also be compliant with QC-206, Counterfeit Avoidance section of this document and are subject to audit and review by a contractor quality representative.

QC-205 HAZARDOUS MATERIAL (HAZMAT)

All materials requiring a Safety Data Sheet (SDS) shall comply with the Globally Harmonized System (GHS) for Hazard Communication in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). These standards mandate a “downstream flow” of information, ensuring that SDSs are readily accessible in accordance with 29 CFR 1910.1200 paragraphs (g)(6)(i) through (g)(7)(vii). Suppliers shall adhere to these regulatory requirements, including providing SDSs via “FAX on Demand” or other approved methods.

Suppliers shall not manufacture, use, or incorporate any Class 1 ozone-depleting chemicals or ozone-depleting substances (ODC/ODS) in products or services provided under this contract, as

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identified by applicable regulations, unless a formal waiver is granted by the Government through the contractor's authorized Purchasing Representative (Buyer). Any deviation from this requirement must be documented and approved in writing prior to use.

Additionally, all suppliers and subcontractors performing support service activities under this contract must comply with all applicable federal, state, and local environmental laws and regulations, including but not limited to the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), and any other relevant statutory and regulatory requirements. Suppliers are responsible for ensuring their operations, materials, and services conform to the highest standards of environmental compliance as required under this contract.

QC-206 COUNTERFEIT AVOIDANCE PLAN

If you are supporting a contract that includes FAR 52.246-11, you must maintain a counterfeit parts prevention plan in compliance with AS9100 and DFARS 252.246-7007 or DFARS 252.246-7008. Your plan must include material authenticity verification, supplier controls, and risk mitigation for counterfeit components. If specified in your PO, additional counterfeit prevention measures may be required.

If your PO includes DFARS 252.246-7007 or DFARS 252.246-7008, you must maintain a counterfeit parts prevention plan and ensure material authenticity. If supplying electronic components, additional authentication requirements may apply.

CLAUSE SET 300, AVIATION COMPONENTS (AIRWORTHINESS)


QC-301 CRITICAL SAFETY ITEMS (CSI) AND LIMITED LIFE

If you are supplying Critical Safety Items (CSIs) or limited-life items to a contract supporting the U.S. Army, you must ensure compliance with AS9017, QE-STD-1, and AMCOM Regulation 702-7, as these standards are Army-specific and governed by Aviation and Missile Command (AMCOM) requirements. Additionally, limited-life items must have at least 50% of their shelf life remaining at the time of delivery unless otherwise approved. If FAR 52.246-11 (Higher-Level Contract Quality Requirement) applies, you may also be required to provide additional lifecycle tracking documentation to ensure compliance with Army sustainment policies.

For all other DoD branches (Air Force, Navy, Marine Corps, Space Force) and Other Government Agencies (OGAs) such as NASA and the Department of Energy (DOE), compliance with CSI and limited-life item regulations will vary based on agency-specific requirements. While AS9017 may still apply, these organizations may impose additional or alternative quality control measures, including compliance with AS9100, MIL-STD-1535, NAVSUPINST 4423.29, or agency-specific procurement and sustainment policies. Contractors should carefully review solicitation and contract requirements to ensure full adherence to the appropriate quality and lifecycle management standards.

QC-302 AVIATION ELECTRONICS SYSTEMS EQUIPMENT

Aviation Electronic Systems Equipment/LRUs listed in TB 1-1500-341-01 that contain software are required to submit a DA Form 2410s showing the software version whenever the equipment is gained/lost to the Army inventory, installed on an aircraft, removed from an aircraft, repaired, or the software is upgraded. SCPs should contain an automated DA Form 2410s Program to

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assist in completing and submitting the DA Form 2410s upon completion of the upgrade process. They also have to be entered on the DA Form 2408–5.

CLAUSE SET 400, RAW MATERIAL

QC-401 RAW MATERIAL

All raw material, as well as material to be used for build-to-print or modification projects must be identified per the applicable specification including plates, bars, extrusions, sheets of aluminum, steel, or other material. The material will be marked with material type and PO number in indelible ink.

If you are supporting a contract that includes FAR 52.246-11, all raw materials must comply with AS9100 and, when applicable, DFARS 252.225-7008 or DFARS 252.225-7009 for specialty metals. You must provide full traceability through Material Test Reports (MTRs). MTRs are required and will contain a chemical and physical test report, including actual test results from samples representative of the material shipped under this or any associated PO or Subcontract Agreement.

If specified in your Purchase Order (PO), additional certification requirements may apply.

If you are supplying raw materials, you must ensure compliance with the following, as applicable:

- DFARS 252.225-7008 – Restriction on Acquisition of Specialty Metals
- DFARS 252.225-7009 – Restriction on Acquisition of Certain Articles Containing Specialty Metals
- FAR 52.225-1 – Buy American—Supplies
- FAR 52.225-3 – Buy American—Free Trade Agreements—Israeli Trade Act
- FAR 52.225-5 – Trade Agreements
- FAR 52.225-18 – Place of Manufacture


Additional restrictions or requirements may be imposed by your contract or Purchase Order (PO). Suppliers must provide full Material Test Reports (MTRs) to ensure traceability and compliance with the applicable regulations.

QC-402 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

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When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-403 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

CLAUSE SET 500, BUILD TO PRINT – MECHANICAL

QC-501 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.


QC-502 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-503 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

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QC-504 RAW MATERIAL

All raw material, as well as material to be used for build-to-print or modification projects must be identified per the applicable specification including plates, bars, extrusions, sheets of aluminum, steel, or other material. The material will be marked with material type and PO number in indelible ink.

If you are supporting a contract that includes FAR 52.246-11, all raw materials must comply with AS9100 and, when applicable, DFARS 252.225-7008 or DFARS 252.225-7009 for specialty metals. You must provide full traceability through Material Test Reports (MTRs). MTRs are required and will contain a chemical and physical test report, including actual test results from samples representative of the material shipped under this or any associated PO or Subcontract Agreement.

If specified in your Purchase Order (PO), additional certification requirements may apply.

If you are supplying raw materials, you must ensure compliance with the following, as applicable:

- DFARS 252.225-7008 – Restriction on Acquisition of Specialty Metals
- DFARS 252.225-7009 – Restriction on Acquisition of Certain Articles Containing Specialty Metals
- FAR 52.225-1 – Buy American—Supplies
- FAR 52.225-3 – Buy American—Free Trade Agreements—Israeli Trade Act
- FAR 52.225-5 – Trade Agreements
- FAR 52.225-18 – Place of Manufacture

Additional restrictions or requirements may be imposed by your contract or Purchase Order (PO). Suppliers must provide full Material Test Reports (MTRs) to ensure traceability and compliance with the applicable regulations.


QC-505 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

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QC-506 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-507 FIRST ARTICLE INSPECTION REPORT

First time shipment from a new (BTP) supplier may require FAI preapproval by Yulista quality before the parts/material will be released for shipping to Yulista. If preapproval is required, the FAI data pack will be sent to the buyer on the PO.

If a preapproved FAI is not required but an FAI is required, then the FAI data pack will accompany the parts/material shipping to Yulista.

A **COMPLETE** First Article Inspection (FAI) Report is required for build-to-print items (BTP) under any of the following conditions:

- When a BTP item is being produced for the contractor for the first time; or
- When a BTP item has not been produced by the supplier within the previous 24 months; or
- When a BTP item has not been built to the current revision, a delta FAI is required; or
- When the manufacturing location for a BTP item has changed since a FAI was previously provided; or
- When specified by the PO.

Labels & Decals "ONLY" may use the same AS9102 form for multiple dash numbers on the same drawing. Each dash number will be identified within the FAI.


It is required that the supplier use AS9102 form for the FAI or another pre-approved format that is equivalent to the AS9102 standard. The supplier may request an example of an approved FAI via the Purchasing Representative. Changes to the location of manufacturing, including sub-tier suppliers and outsourced processes, may require a FAI.

QC-508 DESIGN CONTROL AND TECHNICAL DATA PACKAGES (TDP)

For technical data packages (TDPs) such as drawings, the supplier will establish a process to monitor and review for quality content, errors, and errors per sheet in accordance with requirements specified in Supplier Technical Data Package Requirements. Appendix B contains additional requirements of suppliers providing TDPs.

QC-509 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

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Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

CLAUSE SET 600, COMPOSITE BUILD TO PRINT

QC-601 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.


QC-602 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-603 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide

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the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

QC-604 RAW MATERIAL

All raw material, as well as material to be used for build-to-print or modification projects must be identified per the applicable specification including plates, bars, extrusions, sheets of aluminum, steel, or other material. The material will be marked with material type and PO number in indelible ink.

If you are supporting a contract that includes FAR 52.246-11, all raw materials must comply with AS9100 and, when applicable, DFARS 252.225-7008 or DFARS 252.225-7009 for specialty metals. You must provide full traceability through Material Test Reports (MTRs). MTRs are required and will contain a chemical and physical test report, including actual test results from samples representative of the material shipped under this or any associated PO or Subcontract Agreement.

If specified in your Purchase Order (PO), additional certification requirements may apply.

If you are supplying raw materials, you must ensure compliance with the following, as applicable:

- DFARS 252.225-7008 – Restriction on Acquisition of Specialty Metals
- DFARS 252.225-7009 – Restriction on Acquisition of Certain Articles Containing Specialty Metals
- FAR 52.225-1 – Buy American—Supplies
- FAR 52.225-3 – Buy American—Free Trade Agreements—Israeli Trade Act
- FAR 52.225-5 – Trade Agreements
- FAR 52.225-18 – Place of Manufacture


Additional restrictions or requirements may be imposed by your contract or Purchase Order (PO). Suppliers must provide full Material Test Reports (MTRs) to ensure traceability and compliance with the applicable regulations.

QC-605 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

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When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for **Yulista's quality acceptance**.

QC-606 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at **supplier.quality@yulista.com, to provide five business days of notification** when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-607 FIRST ARTICLE INSPECTION REPORT

First time shipment from a new (BTP) supplier may require FAI preapproval by Yulista quality before the parts/material will be released for shipping to Yulista. If preapproval is required, the FAI data pack will be sent to the buyer on the PO.

If a preapproved FAI is not required but an FAI is required, then the FAI data pack will accompany the parts/material shipping to Yulista.

A **COMPLETE** First Article Inspection (FAI) Report is required for build-to-print items (BTP) under any of the following conditions:


- When a BTP item is being produced for the contractor for the first time; or
- When a BTP item has not been produced by the supplier within the previous 24 months; or
- When a BTP item has not been built to the current revision, a delta FAI is required; or
- When the manufacturing location for a BTP item has changed since a FAI was previously provided; *or*
- When specified by the PO.

Labels & Decals "ONLY" may use the same AS9102 form for multiple dash numbers on the same drawing. Each dash number will be identified within the FAI.

It is required that the supplier use AS9102 form for the FAI or another pre-approved format that is equivalent to the AS9102 standard. The supplier may request an example of an approved FAI via the Purchasing Representative. Changes to the location of manufacturing, including sub-tier suppliers and outsourced processes, may require a FAI.

QC-608 DESIGN CONTROL AND TECHNICAL DATA PACKAGES (TDP)

For technical data packages (TDPs) such as drawings, the supplier will establish a process to monitor and review for quality content, errors, and errors per sheet in accordance with requirements specified in Supplier Technical Data Package Requirements. Appendix B contains additional requirements of suppliers providing TDPs.

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QC-609 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.


CLAUSE SET 700, ELECTRONIC ASSMBLIES

QC-701 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.

QC-702 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

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All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-703 PRINTED CIRCUIT BOARDS (PCBS)

Raw material deliveries will also be compliant with QC-711, Counterfeit Avoidance section of this document.

Base materials of PCBs will comply with IPC-4101, IPC-4104, IPC-4202, IPC-4203 and IPC-4204. Copper foils will comply with IPC-4562.

Qualifications for PWBs will comply with IPC-6011, IPC-6012, IPC-6013, and IPC-6017. Solder mask will comply with IPC-SM-840.

Acceptability of PCBs will comply with IPC-A-600. Repair of PCBs will comply with IPC-7711 and IPC-7721.

QC-704 ELECTRONIC COMPONENTS

Yulista will not accept electronic components from suppliers subject to a "Stop Shipment Order" as identified by the Government Industry Data Exchange Program (GIDEP).

Supplier and Traceability Requirements

1. Original Component Manufacturer (OCM)

- Must provide a CoC verifying authenticity.

2. Authorized Distributors (OCM/OEM Approved):


- Must provide full traceability to the original manufacturer.
- Each delivery must include a copy of the component manufacturer's Certificate of Conformance (CoC).

3. Independent Distributors or Brokers (Not OCM Approved):

- Must provide full traceability to the original manufacturer.
- A copy of the Original Component Manufacturer's (OCM) CoC must accompany each delivery.
- If the manufacturer's CoC is unavailable, components must be tested per:
 - AS6081 – Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition
 - CCAP-101 – Counterfeit Components Avoidance Program - Distributors
- Test results must be submitted to the contractor via the Purchasing Representative and approved by Quality before delivery.

Electrostatic Discharge (ESD) Protection

- Compliance with ANSI/ESD S20.20 is required where applicable.
- Static-sensitive components must be:

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- Packaged in a conductive frame or placed in conductive elastomer/foam.
- Labeled externally on at least two sides to indicate static-sensitive devices.

Packaging, Marking, and FIFO Compliance

- Packaging and marking must support First In, First Out (FIFO) inventory control.
- Suppliers should separate and identify lots containing multiple date codes.
- Product marking must comply with MIL-STD-130 (Identification Marking of U.S. Military Property) per paragraphs 5.3.1 through 5.3.7.

Lead-Free Exemptions and Soldering Compliance

- Electronic components procured are exempt from the Restriction of Hazardous Substances (RoHS) directive.
- Components with finishes exceeding 95% tin (Sn) must contain at least 3% lead (Pb) to mitigate tin whisker risks.
- Components requiring soldering must conform to IPC J-STD-002 solderability requirements.
- Components requiring tinning must be tested and certified per:
 - IPC/EIA J-STD-002 (Sections 4.3.1 & 4.3.2 – Wetting Balance Tests)
 - IPC/EIA J-STD-013 (Implementation of Ball Grid Array & High-Density Technology)

If only lead-free components are available, the contractor must obtain a Supplier Deviation and government approval/deviation for each task or delivery order before proceeding. A lead-free risk analysis and mitigation strategy may be required for approval.


QC-705 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

QC-706 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and

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describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for **Yulista's quality acceptance**.

QC-707 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at **supplier.quality@yulista.com**, to provide **five business days of notification** when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-708 FIRST ARTICLE INSPECTION REPORT

First time shipment from a new (BTP) supplier may require FAI preapproval by Yulista quality before the parts/material will be released for shipping to Yulista. If preapproval is required, the FAI data pack will be sent to the buyer on the PO.

If a preapproved FAI is not required but an FAI is required, then the FAI data pack will accompany the parts/material shipping to Yulista.

A **COMPLETE** First Article Inspection (FAI) Report is required for build-to-print items (BTP) under any of the following conditions:


- When a BTP item is being produced for the contractor for the first time; or
- When a BTP item has not been produced by the supplier within the previous 24 months; or
- When a BTP item has not been built to the current revision, a delta FAI is required; or
- When the manufacturing location for a BTP item has changed since a FAI was previously provided; *or*
- When specified by the PO.

Labels & Decals "ONLY" may use the same AS9102 form for multiple dash numbers on the same drawing. Each dash number will be identified within the FAI.

It is required that the supplier use AS9102 form for the FAI or another pre-approved format that is equivalent to the AS9102 standard. The supplier may request an example of an approved FAI via the Purchasing Representative. Changes to the location of manufacturing, including sub-tier suppliers and outsourced processes, may require a FAI.

QC-709 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has

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been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.


QC-710 WORKMANSHIP GUIDELINES FOR ELECTRICAL BOX ASSEMBLIES AND WIRING HARNESSSES

If you are supporting a contract that includes FAR 52.246-11, all electrical assemblies and wiring harnesses must comply with AS9100 and IPC/WHMA-A-620 workmanship standards. If specified in your PO, additional quality and inspection requirements may apply.

QC-711 COUNTERFEIT AVOIDANCE PLAN

If you are supporting a contract that includes FAR 52.246-11, you must maintain a counterfeit parts prevention plan in compliance with AS9100 and DFARS 252.246-7007 or DFARS 252.246-7008. Your plan must include material authenticity verification, supplier controls, and risk mitigation for counterfeit components. If specified in your PO, additional counterfeit prevention measures may be required.

If your PO includes DFARS 252.246-7007 or DFARS 252.246-7008, you must maintain a counterfeit parts prevention plan and ensure material authenticity. If supplying electronic components, additional authentication requirements may apply.

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CLAUSE SET 800, PWB (PRINTED WIRE BOARD)

QC-801 RAW MATERIAL

All raw material, as well as material to be used for build-to-print or modification projects must be identified per the applicable specification including plates, bars, extrusions, sheets of aluminum, steel, or other material. The material will be marked with material type and PO number in indelible ink.

If you are supporting a contract that includes FAR 52.246-11, all raw materials must comply with AS9100 and, when applicable, DFARS 252.225-7008 or DFARS 252.225-7009 for specialty metals. You must provide full traceability through Material Test Reports (MTRs). MTRs are required and will contain a chemical and physical test report, including actual test results from samples representative of the material shipped under this or any associated PO or Subcontract Agreement.

If specified in your Purchase Order (PO), additional certification requirements may apply.

If you are supplying raw materials, you must ensure compliance with the following, as applicable:

- DFARS 252.225-7008 – Restriction on Acquisition of Specialty Metals
- DFARS 252.225-7009 – Restriction on Acquisition of Certain Articles Containing Specialty Metals
- FAR 52.225-1 – Buy American—Supplies
- FAR 52.225-3 – Buy American—Free Trade Agreements—Israeli Trade Act
- FAR 52.225-5 – Trade Agreements
- FAR 52.225-18 – Place of Manufacture

Additional restrictions or requirements may be imposed by your contract or Purchase Order (PO). Suppliers must provide full Material Test Reports (MTRs) to ensure traceability and compliance with the applicable regulations.


QC-803 PRINTED CIRCUIT BOARDS (PCBS)

Raw material deliveries will also be compliant with QC-808, Counterfeit Avoidance section of this document.

Base materials of PCBs will comply with IPC-4101, IPC-4104, IPC-4202, IPC-4203 and IPC-4204. Copper foils will comply with IPC-4562.

Qualifications for PWBs will comply with IPC-6011, IPC-6012, IPC-6013, and IPC-6017. Solder mask will comply with IPC-SM-840.

Acceptability of PCBs will comply with IPC-A-600. Repair of PCBs will comply with IPC-7711 and IPC-7721.

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QC-804 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for **Yulista's quality** acceptance.

QC-805 SPECIAL PROCESSES


Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

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QC-806 DESIGN CONTROL AND TECHNICAL DATA PACKAGES (TDP)

For technical data packages (TDPs) such as drawings, the supplier will establish a process to monitor and review for quality content, errors, and errors per sheet in accordance with requirements specified in Supplier Technical Data Package Requirements. Appendix B contains additional requirements of suppliers providing TDPs.

QC-807 WORKMANSHIP GUIDELINES FOR ELECTRICAL BOX ASSEMBLIES AND WIRING HARNESSSES

If you are supporting a contract that includes FAR 52.246-11, all electrical assemblies and wiring harnesses must comply with AS9100 and IPC/WHMA-A-620 workmanship standards. If specified in your PO, additional quality and inspection requirements may apply.

QC-808 COUNTERFEIT AVOIDANCE PLAN

If you are supporting a contract that includes FAR 52.246-11, you must maintain a counterfeit parts prevention plan in compliance with AS9100 and DFARS 252.246-7007 or DFARS 252.246-7008. Your plan must include material authenticity verification, supplier controls, and risk mitigation for counterfeit components. If specified in your PO, additional counterfeit prevention measures may be required.

If your PO includes DFARS 252.246-7007 or DFARS 252.246-7008, you must maintain a counterfeit parts prevention plan and ensure material authenticity. If supplying electronic components, additional authentication requirements may apply.

CLAUSE SET 900, CCA (CIRCUIT CARD ASSEMBLIES)

QC-901 DESIGN CONTROL AND TECHNICAL DATA PACKAGES (TDP)

For technical data packages (TDPs) such as drawings, the supplier will establish a process to monitor and review for quality content, errors, and errors per sheet in accordance with requirements specified in Supplier Technical Data Package Requirements. Appendix B contains additional requirements of suppliers providing TDPs.


QC-902 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.

QC-903 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable

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tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-904 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-905 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).


QC-906 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-907 FIRST ARTICLE INSPECTION REPORT

First time shipment from a new (BTP) supplier may require FAI preapproval by Yulista quality before the parts/material will be released for shipping to Yulista. If preapproval is required, the FAI data pack will be sent to the buyer on the PO.

If a preapproved FAI is not required but an FAI is required, then the FAI data pack will accompany the parts/material shipping to Yulista.

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A **COMPLETE** First Article Inspection (FAI) Report is required for build-to-print items (BTP) under any of the following conditions:

- When a BTP item is being produced for the contractor for the first time; or
- When a BTP item has not been produced by the supplier within the previous 24 months; or
- When a BTP item has not been built to the current revision, a delta FAI is required; or
- When the manufacturing location for a BTP item has changed since a FAI was previously provided; *or*
- When specified by the PO.

Labels & Decals “ONLY” may use the same AS9102 form for multiple dash numbers on the same drawing. Each dash number will be identified within the FAI.

It is required that the supplier use AS9102 form for the FAI or another pre-approved format that is equivalent to the AS9102 standard. The supplier may request an example of an approved FAI via the Purchasing Representative. Changes to the location of manufacturing, including sub-tier suppliers and outsourced processes, may require a FAI.


QC-908 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier’s special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

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Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

QC-909 ELECTRONIC COMPONENTS

Yulista will not accept electronic components from suppliers subject to a "Stop Shipment Order" as identified by the Government Industry Data Exchange Program (GIDEP).

Supplier and Traceability Requirements

1. Original Component Manufacturer (OCM)

- Must provide a CoC verifying authenticity.

2. Authorized Distributors (OCM/OEM Approved):

- Must provide full traceability to the original manufacturer.
- Each delivery must include a copy of the component manufacturer's Certificate of Conformance (CoC).

3. Independent Distributors or Brokers (Not OCM Approved):


- Must provide full traceability to the original manufacturer.
- A copy of the Original Component Manufacturer's (OCM) CoC must accompany each delivery.
- If the manufacturer's CoC is unavailable, components must be tested per:
 - AS6081 – Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition
 - CCAP-101 – Counterfeit Components Avoidance Program - Distributors
- Test results must be submitted to the contractor via the Purchasing Representative and approved by Quality before delivery.

Electrostatic Discharge (ESD) Protection

- Compliance with ANSI/ESD S20.20 is required where applicable.
- Static-sensitive components must be:
 - Packaged in a conductive frame or placed in conductive elastomer/foam.
 - Labeled externally on at least two sides to indicate static-sensitive devices.

Packaging, Marking, and FIFO Compliance

- Packaging and marking must support First In, First Out (FIFO) inventory control.
- Suppliers should separate and identify lots containing multiple date codes.
- Product marking must comply with MIL-STD-130 (Identification Marking of U.S. Military Property) per paragraphs 5.3.1 through 5.3.7.

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Lead-Free Exemptions and Soldering Compliance

- Electronic components procured are exempt from the Restriction of Hazardous Substances (RoHS) directive.
- Components with finishes exceeding 95% tin (Sn) must contain at least 3% lead (Pb) to mitigate tin whisker risks.
- Components requiring soldering must conform to IPC J-STD-002 solderability requirements.
- Components requiring tinning must be tested and certified per:
 - IPC/EIA J-STD-002 (Sections 4.3.1 & 4.3.2 – Wetting Balance Tests)
 - IPC/EIA J-STD-013 (Implementation of Ball Grid Array & High-Density Technology)

If only lead-free components are available, the contractor must obtain a Supplier Deviation and government approval/deviation for each task or delivery order before proceeding. A lead-free risk analysis and mitigation strategy may be required for approval.

QC-910 CIRCUIT CARD ASSEMBLIES (CCAS)

All CCAs will be functionally tested, and the test report(s) provided with each shipment. This requirement is mandatory unless a waiver is granted in writing from the contractor. Certification workmanship standards will comply with IPC J-STD-001 Class 3 and IPC-A-610 Class 3. The supplier will default to Class 3 requirements if the class is not otherwise specified on the PO or other Yulista supplied documents.

All electronic grade solder alloys used on CCAs will conform to IPC J-STD-006 and will contain at least 36% lead (Pb) unless otherwise approved via the Yulista Request for Deviation Process. Flux and paste will comply with IPC J-STD-004, and IPC J-STD-005 respectively.

Solderability of CCAs will comply with IPC J-STD-002 and IPC J-STD-003.

Stenciling of CCAs for surface mount components will comply with IPC-7525.

Conformal coating of CCAs will use materials that comply with IPC-CC-830C using IPC-HDBK-830A for guidance in selection and applied IAW IPC-A-610G.

QC-911 WORKMANSHIP GUIDELINES FOR ELECTRICAL BOX ASSEMBLIES AND WIRING HARNESSSES


If you are supporting a contract that includes FAR 52.246-11, all electrical assemblies and wiring harnesses must comply with AS9100 and IPC/WHMA-A-620 workmanship standards. If specified in your PO, additional quality and inspection requirements may apply.

6.0 SPECIAL PROCESS SPECIFIC QUALITY CLAUSES

CLAUSE SET 1000, WELD

QC-1001 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training

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will be made available to **Yulista**. Additional personnel qualifications, if any, will be indicated on a PO.

QC-1002 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify **Yulista's** Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-1003 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).


QC-1004 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for **Yulista's** quality acceptance.

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QC-1005 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-1006 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.

Although source inspection may not be required by the PO, Yulista reserves the right to impose source inspection, at the discretion of Yulista, when risk mitigation and/or expedience is deemed necessary. In these cases, the same requirements are followed to schedule the source inspection.


QC-1007 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)

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- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

CLAUSE SET 1100, HEAT TREAT

QC-1101 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.

QC-1102 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.


QC-1103 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

QC-1104 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

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Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for **Yulista's quality acceptance**.

QC-1105 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide **five business days of notification** when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-1106 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.


Although source inspection may not be required by the PO, Yulista reserves the right to impose source inspection, at the discretion of Yulista, when risk mitigation and/or expedience is deemed necessary. In these cases, the same requirements are followed to schedule the source inspection.

QC-1107 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

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- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

CLAUSE SET 1200, NDT (NON-DESTRUCTIVE TESTING)

QC-1201 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.


QC-1202 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

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QC-1203 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

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QC-1204 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

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When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-1205 FIRST PART INSPECTION


When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-1206 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.

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QC-1207 SPECIAL PROCESSES

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Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.


CLAUSE SET 1300, GENERAL TESTING (ELECTRONIC, AXIAL LOAD TESTING, ETC.)

QC-1301 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to **Yulista**. Additional personnel qualifications, if any, will be indicated on a PO.

QC-1302 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify **Yulista's** Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

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All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-1303 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

QC-1304 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.


When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-1305 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

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QC-1306 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.

Although source inspection may not be required by the PO, Yulista reserves the right to impose source inspection, at the discretion of Yulista, when risk mitigation and/or expedience is deemed necessary. In these cases, the same requirements are followed to schedule the source inspection.

QC-1307 SPECIAL PROCESSES


Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

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CLAUSE SET 1400, PAINTING

QC-1401 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.

QC-1402 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-1403 TRACEABILITY


The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

QC-1404 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

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When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-1405 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-1406 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.


Although source inspection may not be required by the PO, Yulista reserves the right to impose source inspection, at the discretion of Yulista, when risk mitigation and/or expedience is deemed necessary. In these cases, the same requirements are followed to schedule the source inspection.

QC-1407 PAINT, PRIMER AND COATINGS

The contractor will only accept paint, primer, and coatings that are manufactured to military specifications (MIL-SPEC) from qualified product database (QPD) approved manufacturers, as determined by the QPD. The QPD database must be accessed (<http://qpldocs.dla.mil>) to verify that the correct combination of color/type/class, etc. is approved, and a manufacturer for this combination must be used. The QPD-approved manufacturer must be identified on all quotes and material certifications. The supplier is responsible for passing contractor MIL-SPEC purchase requirements to all sub-suppliers, including the OEM. The CofC for all QPD managed MIL-SPEC items must include the original manufacturer of the product.

Suppliers providing painting and finishing services that include chemical agent resistant coating (CARC) paint and/or coatings will complete testing requirements in accordance with (IAW) MIL-DTL-53072 CARC System Application Procedures and Quality Control Inspection. This requirement will be applied to all drawings that call for CARC painting and/or coating, regardless of the source or owner of the drawing.

Paint, primer, and coating deliveries will also be compliant with QC-1410, Counterfeit Avoidance section of this document and are subject to audit and review by a contractor quality representative.

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QC-1408 HAZARDOUS MATERIAL (HAZMAT)

All materials requiring a Safety Data Sheet (SDS) shall comply with the Globally Harmonized System (GHS) for Hazard Communication in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). This standard mandates a “downstream flow” of information, ensuring that SDSs are readily accessible in accordance with 29 CFR 1910.1200 paragraphs (g)(6)(i) through (g)(7)(vii). Suppliers shall adhere to these regulatory requirements, including providing SDSs via “FAX on Demand” or other approved methods.

Suppliers shall not manufacture, use, or incorporate any Class 1 ozone-depleting chemicals or ozone-depleting substances (ODC/ODS) in products or services provided under this contract, as identified by applicable regulations, unless a formal waiver is granted by the Government through the contractor’s authorized Purchasing Representative (Buyer). Any deviation from this requirement must be documented and approved in writing prior to use.

Additionally, all suppliers and subcontractors performing support service activities under this contract must comply with all applicable federal, state, and local environmental laws and regulations, including but not limited to the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), and any other relevant statutory and regulatory requirements. Suppliers are responsible for ensuring their operations, materials, and services conform to the highest standards of environmental compliance as required under this contract.


QC-1409 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier’s special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)

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f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

QC-1410 COUNTERFEIT AVOIDANCE PLAN

If you are supporting a contract that includes FAR 52.246-11, you must maintain a counterfeit parts prevention plan in compliance with AS9100 and DFARS 252.246-7007 or DFARS 252.246-7008. Your plan must include material authenticity verification, supplier controls, and risk mitigation for counterfeit components. If specified in your PO, additional counterfeit prevention measures may be required.

If your PO includes DFARS 252.246-7007 or DFARS 252.246-7008, you must maintain a counterfeit parts prevention plan and ensure material authenticity. If supplying electronic components, additional authentication requirements may apply.

CLAUSE SET 1500, NON-PAINT FINISHING/SURFACE TREATMENT (CADMIUM PLATING, ANODIZE, ETC.)

QC-1501 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.


QC-1502 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-1503 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

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QC-1504 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-1505 FIRST PART INSPECTION


When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-1506 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.

Although source inspection may not be required by the PO, Yulista reserves the right to impose source inspection, at the discretion of Yulista, when risk mitigation and/or expedience is deemed necessary. In these cases, the same requirements are followed to schedule the source inspection.

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QC-1507 PAINT, PRIMER AND COATINGS

The contractor will only accept paint, primer, and coatings that are manufactured to military specifications (MIL-SPEC) from qualified product database (QPD) approved manufacturers, as determined by the QPD. The QPD database must be accessed (<http://qpldocs.dla.mil>) to verify that the correct combination of color/type/class, etc. is approved, and a manufacturer for this combination must be used. The QPD-approved manufacturer must be identified on all quotes and material certifications. The supplier is responsible for passing contractor MIL-SPEC purchase requirements to all sub-suppliers, including the OEM. The CofC for all QPD managed MIL-SPEC items must include the original manufacturer of the product.

Suppliers providing painting and finishing services that include chemical agent resistant coating (CARC) paint and/or coatings will complete testing requirements in accordance with (IAW) MIL-DTL-53072 CARC System Application Procedures and Quality Control Inspection. This requirement will be applied to all drawings that call for CARC painting and/or coating, regardless of the source or owner of the drawing.


Paint, primer, and coating deliveries will also be compliant with QC-1510, Counterfeit Avoidance section of this document and are subject to audit and review by a contractor quality representative.

QC-1508 HAZARDOUS MATERIAL (HAZMAT)

All materials requiring a Safety Data Sheet (SDS) shall comply with the Globally Harmonized System (GHS) for Hazard Communication in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). This standard mandates a “downstream flow” of information, ensuring that SDSs are readily accessible in accordance with 29 CFR 1910.1200 paragraphs (g)(6)(i) through (g)(7)(vii). Suppliers shall adhere to these regulatory requirements, including providing SDSs via “FAX on Demand” or other approved methods.

Suppliers shall not manufacture, use, or incorporate any Class 1 ozone-depleting chemicals or ozone-depleting substances (ODC/ODS) in products or services provided under this contract, as identified by applicable regulations, unless a formal waiver is granted by the Government through the contractor’s authorized Purchasing Representative (Buyer). Any deviation from this requirement must be documented and approved in writing prior to use.

Additionally, all suppliers and subcontractors performing support service activities under this contract must comply with all applicable federal, state, and local environmental laws and regulations, including but not limited to the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), and any other relevant statutory and regulatory requirements. Suppliers are responsible for ensuring their operations, materials, and services conform to the highest standards of environmental compliance as required under this contract.

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QC-1509 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.

Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.


- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

QC-1510 COUNTERFEIT AVOIDANCE PLAN

If you are supporting a contract that includes FAR 52.246-11, you must maintain a counterfeit parts prevention plan in compliance with AS9100 and DFARS 252.246-7007 or DFARS 252.246-7008. Your plan must include material authenticity verification, supplier controls, and risk mitigation for counterfeit components. If specified in your PO, additional counterfeit prevention measures may be required.

If your PO includes DFARS 252.246-7007 or DFARS 252.246-7008, you must maintain a counterfeit parts prevention plan and ensure material authenticity. If supplying electronic components, additional authentication requirements may apply.

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CLAUSE SET 1600, COMPOSITE LAYUP

QC-1601 TRAINING

Supplier personnel performing inspection, testing, assembly, integration and manufacturing will be trained for the appropriate skill they are performing. When requested, records of such training will be made available to Yulista. Additional personnel qualifications, if any, will be indicated on a PO.

QC-1602 CALIBRATION CONTROL

The supplier's quality organization will audit records and equipment to ensure that no "out-of-calibration" equipment is being used during testing and inspection of products provided to the contractor. The supplier will control the calibration of all measuring devices against certified standards traceable to the National Institute of Standards and Technology (NIST). The supplier will notify Yulista's Purchasing Representative of any items found to be out of calibration that effect any product delivered to the contractor as soon as it is discovered including any time after delivery.

All test equipment will be validated to assure that it has the accuracy and resolution to measure the parameters being tested. The test equipment will maintain repeatability within its allowable tolerances. All calibration will be traceable to relevant and appropriate standards. Tools, gauges, test equipment, etc., that are inactive or that do not require calibration will be so identified.

QC-1603 DESIGN CONTROL AND TECHNICAL DATA PACKAGES (TDP)

For technical data packages (TDPs) such as drawings, the supplier will establish a process to monitor and review for quality content, errors, and errors per sheet in accordance with requirements specified in Supplier Technical Data Package Requirements. Appendix B contains additional requirements of suppliers providing TDPs.


QC-1604 TRACEABILITY

The supplier will provide objective evidence of the quality of the item supplied, including manufacturing, assembly, inspection, test, and special process records. All records relating to special requirements, key characteristics, and critical safety items (CSIs) will be clearly identified and traceable to the date and place of production, OEM, or OCM. Recorded evidence will provide the degree of traceability required to enable subsequent verification of all aspects of material, manufacture, special processes, personnel certification, variability control charts, assembly, and inspection of critical characteristics (CCs).

QC-1605 INSPECTION AND TEST

Each inspection or testing activity will have documentation that describes detailed requirements such as parameters to be checked, statistical methods, sampling plan, nonconformance criteria, etc. The supplier is required to perform a final inspection before delivery to the contractor.

When required by a PO or Subcontractor Agreement, an inspection and test plan (ATP) for the control of articles furnished in accordance with this PO will be prepared and specifically written to outline the product flow from receipt of materials through fabrication, assembly, and test operations. The plan defines the inspection points throughout the manufacturing sequence and describes what, where, and when inspections will be implemented to control the product. Upon request, this plan will be available for review by the contractor's quality representative.

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Inspection and testing results will be recorded and analyzed using control charts or a similar technique, as appropriate, for the purpose of identifying problem areas and monitoring the effectiveness of the supplier's quality system.

When specified by the PO or contract, statistical process control (SPC) data, in supplier format, is required and should be submitted to the Purchasing Representative for Yulista's quality acceptance.

QC-1606 FIRST PART INSPECTION

When specified during the quote phase and when subsequently called out on the PO, the supplier will submit a sample first item for dimensional and functional approval prior to making production item(s). The supplier will notify the contractor at supplier.quality@yulista.com, to provide five business days of notification when the item is ready for approval examination. Such examination may be conducted at the supplier's facilities or at the contractor's receiving inspection area.

QC-1607 FIRST ARTICLE INSPECTION REPORT

First time shipment from a new (BTP) supplier may require FAI preapproval by Yulista quality before the parts/material will be released for shipping to Yulista. If preapproval is required, the FAI data pack will be sent to the buyer on the PO.

If a preapproved FAI is not required but an FAI is required, then the FAI data pack will accompany the parts/material shipping to Yulista.


At a minimum, the First Article Inspection (FAI) must comply with the requirements outlined in Appendix C: AS9102 First Article Inspection Checklist. Any deviations from these requirements must be formally approved through a Supplier Quality Deviation Request (SQ-100).

A **COMPLETE** First Article Inspection (FAI) Report is required for build-to-print items (BTP) under any of the following conditions:

- When a BTP item is being produced for the contractor for the first time; or
- When a BTP item has not been produced by the supplier within the previous 24 months; or
- When a BTP item has not been built to the current revision, a delta FAI is required; or
- When the manufacturing location for a BTP item has changed since a FAI was previously provided; or
- When specified by the PO.

Labels & Decals "ONLY" may use the same AS9102 form for multiple dash numbers on the same drawing. Each dash number will be identified within the FAI.

It is required that the supplier use AS9102 form for the FAI or another pre-approved format that is equivalent to the AS9102 standard. The supplier may request an example of an approved FAI via the Purchasing Representative. Changes to the location of manufacturing, including sub-tier suppliers and outsourced processes, may require a FAI.

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QC-1608 SOURCE INSPECTION

A source inspection is an inspection conducted by the contractor's quality representative at the supplier's location. The purpose of a source inspection is to assist the supplier in determining conformance with the PO and the specification requirements. Source inspection neither guarantees final acceptance nor does it relieve the supplier of the responsibility to furnish an acceptable deliverable.

When source inspection is specified by the PO, the supplier will notify Yulista at supplier.quality@yulista.com to schedule source inspection. Yulista requires a 5-business day notice to ensure the availability of the contractor's quality assurance representative who will be present to perform the inspection. The supplier must fill out and submit form **YF-QC-45, Source Inspection Request**, to the same email address; this form is available via the Yulista website.


Although source inspection may not be required by the PO, Yulista reserves the right to impose source inspection, at the discretion of Yulista, when risk mitigation and/or expedience is deemed necessary. In these cases, the same requirements are followed to schedule the source inspection.

QC-1609 HAZARDOUS MATERIAL (HAZMAT)

All materials requiring a Safety Data Sheet (SDS) shall comply with the Globally Harmonized System (GHS) for Hazard Communication in accordance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). This standard mandates a "downstream flow" of information, ensuring that SDSs are readily accessible in accordance with 29 CFR 1910.1200 paragraphs (g)(6)(i) through (g)(7)(vii). Suppliers shall adhere to these regulatory requirements, including providing SDSs via "FAX on Demand" or other approved methods.

Suppliers shall not manufacture, use, or incorporate any Class 1 ozone-depleting chemicals or ozone-depleting substances (ODC/ODS) in products or services provided under this contract, as identified by applicable regulations, unless a formal waiver is granted by the Government through the contractor's authorized Purchasing Representative (Buyer). Any deviation from this requirement must be documented and approved in writing prior to use.

Additionally, all suppliers and subcontractors performing support service activities under this contract must comply with all applicable federal, state, and local environmental laws and regulations, including but not limited to the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), and any other relevant statutory and regulatory requirements. Suppliers are responsible for ensuring their operations, materials, and services conform to the highest standards of environmental compliance as required under this contract.

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QC-1610 SPECIAL PROCESSES

Special processes defined as any process for production and service provision 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 the service has been delivered. See appendix D SQ-100 Special Process Table. This table is not to be considered as a complete list. If there is a question about a process that is not on the list please contact Yulista supplier quality at supplier.quality@yulista.com.

Process certifications are required for all special processes to be submitted to Yulista with the delivered item and will be in accordance with CofC requirements, with the additional requirement of stating the process being certified. If the special process was outsourced, the cert will originate from the outsourced contracting company.


Suppliers using sub-suppliers for special processes are required to validate the sub-supplier's special processes ensuring that they meet the following requirements.

- a. Written process defining process controls
- b. Objective evidence of how the process is maintained
- c. Facilities and equipment to maintain the process (space, equipment calibrated, or safety inspection)
- d. Process operators properly trained (training records, personal certifications, etc.)
- e. Methods in place for maintaining and monitoring the process (logs or charts with recorded data parameters)
- f. Retention of documents

Vendors performing special processes for the organization will be appropriately approved for use prior to work being performed, to include subcontracted work.

7.0 REFERENCED DOCUMENTS

29 CFR 1910.1200	OSHA Hazard Communication Standard
ANSI	American National Standards Institute
American Welding Society (AWS) Structural Welding Code	
AS5553	Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition
AS6081	Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition – Distributors
AS6174	Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel
AS9100	Quality Management Systems: Aviation, Space & Defense Organizations
AS9102	First Article Inspection (FAI) Report Requirements
AS9110	Aerospace - QMS Requirements for Maintenance Organizations
AS9120	Quality Management Systems - Aerospace Requirements for Distributors

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ANSI/ESD S20.20	Electronic Static Discharge S20.20, Protection of Electrical and Electronic Parts, Assemblies and Equipment
FAR 52.246-2	Contractor Inspection Requirements
FAR 52.245-1	Government Property
FAR 52.245-2	Government Property (Fixed Price Contracts)
FAR.52.245-4	Government Furnished Property (Short Form)
FAR.52-245-5	Government Property (Cost Reimbursement, Time and Material, or Labor Hour Contracts)
IPC-A-600	Acceptability of Printed Boards
IPC/WHMA-A-620	Class 3 Requirements and Acceptance for Cable and Wire Harness Assemblies
IPC J-STD-001	Class 3 Requirements for Soldered Electrical and Electronic Assemblies
ISO9001	Quality Management System
IPC J-STD-002	Solderability Tests for Component Leads, Terminations, Lugs, Terminals and Wires
IPC J-STD-006	Requirements for Electronic Grade Solder Alloys and Fluxed and Non-Fluxed Solid Solders for Electronic Soldering Applications
MIL-DTL-53072	CARC System Application Procedures and Quality Control Inspection
MIL-STD-130	Identification Marking of U.S. Military Property
QPD	Qualified Product Database http://qpldocs.dla.mil
QE-STD-1	Quality Engineering Standard
SOP-MFR-07	Yulista Wire Harness Assembly
YM-PURCoC-01	Yulista Code of Conduct
Yulista Supplier Technical Data Package Requirements (Appendix B)	

FORMS & RECORDS


YF-4.4.0-02, Appendix A	Yulista Supplier Deviation Request
YF-QC-45	Source Inspection Request


8.0 RECORD OF REVISIONS

Date	Revision	Description of Changes
10/9/2013-9/15/2022	IR-20	Initial release
7/19/2023	21	Added QC-01 to section 5.0, Clauses applying to all suppliers Updated QC-15, FAI data pack to ship with the hardware Deleted QC-30 Added QC-34, Special Processes Added Appendix D, SQ-100 Special Processes Table Revised Appendix A, changed submittal from supplier quality to purchasing
11/3/2023	-	Corrected multiple typos throughout.
7/19/2025	22	Complete document overhaul. Rewrite and Restructure of Sections 5 and 6. Added FAR clauses throughout. New Table of Contents.

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APPENDIX A: SQ-100 SUPPLIER QUALITY DEVIATION REQUEST

	Supplier Deviation Request				
	Form #	YF-4.4.0-02			
	Reference: SQ-100, Appendix A				
Date Originated		Corresponding RFV#		(Assigned by Yulista Supplier Quality) Deviation #	
Section 1 Supplier					
Supplier:					
Supplier POC:		Title:			
Email:					
PO #:		Line #:			
Part #:		Rev:		Qty:	
Description of Issue					
Justification for Deviation in Detail					
Cost <input type="checkbox"/>		Schedule <input type="checkbox"/>		Customer Request <input type="checkbox"/>	
Section 2 Information					
SQ Originator:		Email:			
Project POC:		Email:			
Work Order #:		Delivery Order #:			
Charge Code:		Deviation End Date:			
Request for: YAI <input type="checkbox"/> YAD <input type="checkbox"/> YHL <input type="checkbox"/> YIS <input type="checkbox"/> YS <input type="checkbox"/> YSL <input type="checkbox"/> YSS <input type="checkbox"/> Y-TECH <input type="checkbox"/> YTS <input type="checkbox"/>					
Yukor <input type="checkbox"/> TLS <input type="checkbox"/> TSL <input type="checkbox"/> DTS <input type="checkbox"/> DSS <input type="checkbox"/> Troy7 <input type="checkbox"/> StraitSYS <input type="checkbox"/> DSoft <input type="checkbox"/> TOSS <input type="checkbox"/>					
Section 3 Approvals					
SQE for Deviations		Name: <input type="text"/>		Date: <input type="text"/>	
		Signature: <input type="text"/>			
		Accepted <input type="checkbox"/>		Rejected <input type="checkbox"/>	
Project Manager		Name: <input type="text"/>		Date: <input type="text"/>	
		Signature: <input type="text"/>			
		Accepted <input type="checkbox"/>		Rejected <input type="checkbox"/>	
Customer		Name: <input type="text"/>		Date: <input type="text"/>	
		Signature: <input type="text"/>			
		Accepted <input type="checkbox"/>		Rejected <input type="checkbox"/>	
Other		Name: <input type="text"/>		Date: <input type="text"/>	
		Signature: <input type="text"/>			
		Accepted <input type="checkbox"/>		Rejected <input type="checkbox"/>	
SQE Manager		Name: <input type="text"/>		Date: <input type="text"/>	
		Signature: <input type="text"/>			
		Accepted <input type="checkbox"/>		Rejected <input type="checkbox"/>	
Final Disposition					
Accepted <input type="checkbox"/>		Rejected <input type="checkbox"/>		Date: <input type="text"/>	

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APPENDIX B: SUPPLIER TECHNICAL DATA PACKAGE (TDP) REQUIREMENTS

PURPOSE

This document is intended to communicate the requirements for TDPs supplied to the contractor by subcontractors and suppliers. This includes adherence to the contractor's TDP requirements, as well as all applicable military, aerospace and other acceptable standards. In addition, this document details requirements for supplier review of all drawings and technical documents delivered to the contractor. For the purposes of this document, suppliers and subcontractors will be collectively referred to as "suppliers."

ACRONYMS


IAW	In Accordance With
PO	Purchase Order
SOW	Statement of Work
TDP	Technical Data Package

B.01 ADHERENCE TO APPLICABLE MILITARY, AEROSPACE, AND ACCEPTABLE STANDARDS

Unless otherwise specified in the Statement of Work (SOW), all technical data must meet the requirements of MIL-STD-31000A Technical Data Packages (TDP). This standard provides requirements for the deliverable data products associated with a TDP and its related TDP data management products. Elements of the TDP include models, drawings, associated lists, specifications, standards, quality assurance provisions, software documentation, packaging details and all other technical documents.

Unless otherwise specified in the SOW, all technical data must also meet the requirements of ASME-Y14.100 Engineering Drawing Practices, including appendices and associated documents. This standard establishes the essential requirements and reference documents applicable to the preparation and revision of engineering drawings and associated lists. This standard is to be used in conjunction with ASME-Y14.24 Types and Applications of Engineering Drawings, ASME-Y14.34 Associated Lists, and ASME-Y14.35 Revision of Engineering Drawings and Associated Documents.

Additional standards may be required and referenced in the SOW, purchase order (PO) or in a TDP Option Selection Worksheet provided by contractor's engineering representative. Airworthiness certification may invoke special requirements specified by the contractor's customer, and these requirements will also be flowed down to the supplier via the SOW. In the event that any requirements/standards contradict one another, the supplier will contact the contractor for clarification before proceeding.

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B.02 REQUIRED SUPPLIER PROCESSES

The supplier will establish a drawing review process to ensure they meet all contractor requirements, as well as any military, aerospace, or other standards in accordance with (IAW) the SOW and the agreed upon schedule, to include the following:

- Technical review to ensure that drawings meet applicable drafting standards.
- Technical document review to ensure that documents provided to the contractor contain adequate details to fulfill their intended purpose (e.g. weight and balance reports, electrical load analysis, structural analyses, or any other document defined in the SOW).
- Internal peer review performed by an engineer other than the engineer who created the drawing.
- Process for review of drawings and/or models to identify potential manufacturability issues, as specified by the SOW.

The supplier's process will include handling of design changes, including both internal management of the changes as well as communication with the contractor when a design change affects product features and/or performance. Suppliers will evaluate and collect error checking data in order to identify trends, to correct issues and to reduce errors. Upon notice, all supplier processes are subject to audit by the contractor.

B.03 CONTRACTOR ENGINEERING REVIEW

After an engineering review by the contractor, feedback will be provided to the supplier in order to correct any issues. Once corrected, the supplier will resubmit to the contractor for approval. Contractor engineering reviews include the following:


- Early technical drawing review, to identify global errors at the beginning of the project
- Technical drawing review, to monitor adherence to requirements stated in section B.01
- Technical document review to include reports and analysis
- Manufacturability review to identify potential manufacturing issues

B.04 CONTRACTOR EVALUATION OF SUPPLIER PERFORMANCE

The contractor's supplier quality representative will monitor and evaluate supplier performance based upon on-time delivery and quality measurements. Suppliers are expected to provide TDPs to the contractor with no more than 0.5 errors per sheet. If errors are found to exceed 0.5 errors per sheet during a technical review, the supplier may be subject to corrective action. Checklists used by the contractor for error checking will be flowed to the supplier via a SOW.

REFERENCED DOCUMENTS

ASME Y14.100	Engineering Drawing Practices
ASME Y14.24	Types and Applications of Engineering Drawings
ASME Y14.34	Associated Lists
ASME Y14.35	Revision of Engineering Drawings and Associated Documents
MIL-STD-31000A	Technical Data Package

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APPENDIX C: AS9102 FIRST ARTICLE INSPECTION CHECKLIST

FORM 1(PART NUMBER ACCOUNTABILITY) of the AS9102 is complete.

1. Part Number is correct. ☐
2. Part Name is correct. ☐
3. Serial Number, if applicable, is correct. ☐
4. FAIR Number. (Reference number that identifies the First Article Inspection Report (FAIR); this may be an internal report number.) ☐
5. Part Revision Level is correct. ☐
6. Drawing number is correct. ☐
7. Drawing revision is correct. ☐
8. Additional Changes, if applicable, are correct. ☐
9. Manufacturing process is correct. (Reference number that provides traceability to the manufacturing record of the FAI part (e.g., router number, manufacturing plan number). Additional information such as lot number, batch number, date code, or line number may be included, as needed, to provide traceability to the specific manufacturing lot.) ☐
10. Organization Name is correct. ☐
11. Supplier Code, if applicable, is correct. ☐
12. P.O. Number is correct. ☐
13. Mark as Detail Part or Assembly FAI. ☐
14. Mark as Full FAI or Partial FAI. For a partial FAI, provide the previous part number, including revision level to which this partial FAI is performed and the reason for the current FAI. ☐

Index of part numbers are correct. (Data Fields 15, 16, 17, and 18: This section is required only if the part number identified in field 1 is an assembly requiring lower-level parts (i.e., detail parts) to be installed). ☐

15. Part Number matches what is on drawing. ☐
16. Part Name matches what is on drawing. ☐
17. Serial Numbers, if applicable, are correct. ☐
18. A FAIR Number or PO is provided for traceability. ☐
19. Signature and Date are present. (Printed name or unique identification, and signature of the person approving the FAIR. This signature certifies the evaluation activities in 9102 are complete and the FAIR is approved. NOTE: Electronic identification or signature are both acceptable.) Check "FAI Complete", if all characteristics are conforming. ☐


FORM 2 (PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTING) of the AS9102 is complete.

NOTE: Data fields 1 thru 4 are repeated on all forms for traceability and must match throughout the FAIR.

1. Part Number is correct. ☐
2. Part Name is correct. ☐
3. Serial Number, if applicable, is correct. ☐
4. FAIR Number. (Reference number that identifies the First Article Inspection Report (FAIR); this may be an internal report number.) ☐

Data fields 5 thru 9 are correct. ☐

NOTE: All Materials, Processes, Specification Numbers, Test procedures, etc. (if applicable)

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match what is on the drawing.

10. Certificate of Conformance number is correct. A certificate of conformance number, heat number, PO number, or any number that provides traceability to the specified material or process must be present. ☐

11. Functional Test Procedure Number, if applicable, is correct. ☐

12. Acceptance Report Number, if applicable, is correct. ☐

Signature and Date are present. ☐

Bubbled/Ballooned Drawing is complete and included. ☐

Drawing must be aligned with Form 3 of AS9102.

Drawing must be legible.

FORM 3 – (CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION) of the AS9102 is complete.

NOTE: Data fields 1 thru 4 are repeated on all forms for traceability and must match throughout the FAIR.

Data fields 5 thru 8 must match bubbled drawing.

5. Characteristic Number is correct and correspond to the bubbled drawing. (Unique assigned number for each design characteristic). ☐

6. Reference Location is correct. (Location of the design characteristic (e.g., drawing zone (page number and section))). ☐

7. Characteristic Designator is correct. (If applicable, record characteristic type) ☐

8. Requirements are correct and match drawing. (Specified requirement for the design characteristic (e.g., drawing dimensional characteristic with associated nominal dimension and tolerances, drawing notes, specification requirements). ☐

9. Results are correct and comply with Requirements. ☐

10. Designed / Qualified Tooling is correct and present. (Tooling ID must be noted for anything that requires use of a tool for characteristic results). ☐

11. Nonconformance Number, if applicable, is correct. ☐

Signature and Date are present. ☐

FAI Report package must be legible, free of typos and include the following:

1. Forms 1, 2 and 3 of the AS9102. ☐


2. Bubbled/Ballooned Drawing. ☐

3. Certificate of Conformance as required in SQ-100 5.11 QC-11. ☐

4. All documentation (C of C's, MTR's, Test Results, etc.) relating to and completely traceable to the FAI report. ☐

Top level part number FAI report and all sub-assembly part numbers FAI report. ☐

Completed by: _____
Print Name
Signature
Date

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APPENDIX D: SQ-100 SPECIAL PROCESS TABLE

Special Process (SP) Description	Process Types
Chemical Processing	Anodize, Electroplating, Electroless Plating, Conversion Coating, Stripping of Chemical Processing
Coatings	Paint, Thermal Spray, Vapor Deposited Coatings, Diffusion Coatings, Heat Treat of Coatings
Composites Manufacturing	Carbon Fiber, Fiberglass, Weaving, Open/Closed Molding, Cast Polymer, Cloth Resin
Electronics	CCA Assembly Manufacturing, Soldering of Printed Board Assemblies, Encapsulation, IPC-A-610 Class 3 Workmanship Standards (Internal Only), Potting.
Heat Treating	Heat Treating
Metallic Materials Manufacturing	Forging, Casting
Non-Destructive Testing	Dye Pen, UT, ET, X-Ray, Mag Particle.
Additive Manufacturing	3D Printing
Surface Enhancement	Shot Peening, Flapper, Peen Forming, Glass Bead Peening, Manual.
Welding	Brazing, Flash Weld, Electron Beam, Resistance/Friction Stir, MIG, TIG, ARC.