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**Quality Procurement Clauses (QPC) are mandatory and applicable to all purchase orders issued by Triple Inc.**  
**Revision Date: Nov 16<sup>th</sup>. 2023**

An explanation of each note code requirement is contained herein. Supplier audits may be performed at Triple Inc.'s discretion to verify conformance to the stated quality requirements.

**QPC1 NOTIFICATION OF CHANGES BY THE SUPPLIER:** During performance of the purchase order, the Supplier is required to give Triple Inc. written notice when making any changes in the systems, address change, processes, procedures previously approved by Triple, Inc. or changes in ownership/management personnel.

**QPC2 QUALITY SYSTEM:** Requirements shall be in effect for all suppliers who directly supply materials, items, services, and/or special processes to Triple Inc. Suppliers must have established, documented, implemented and maintained a Quality Management System in accordance with the requirements of ISO9001:2015, and/or AS9100/D, and/or must hold a valid and current NADCAP accreditation for the special processing provided. A supplier not meeting the above Quality System requirements may be assessed at any time for reasons not limited to performance and may be liable for the actual costs of such assessments. Triple Inc. reserves the right to designate any supplier as High Risk if they do not meet the criterion stated above.

**QPC3 CONTROL OF RECORDS:** Records shall be established and maintained to provide evidence of conformity to the QPC's and revision date as stated on the purchase order. Records shall remain legible, readily identifiable, and retrievable. Procedures shall be established to define the control necessary for the storage, protection, retention periods and disposal of records.

**QPC4 RETENTION OF RECORDS:** Records such as Purchase Orders, Traceability, Approvals of Special Processes, Inspection & Test and Nonconforming Material shall be retained for 10 years unless otherwise specified on the purchase order. UTAS requirement of 40 years retention for Flight Safety Parts, Safety Parts, Flight Critical Parts, ESA parts (P&W, P&WC), and Frozen Process Parts (UTAS).


**QPC5 NON-CONFORMING MATERIAL:** Upon detection of any nonconformance or deviation to the Purchase Order requirements, supplier, including all sub-tiers, shall notify Triple Inc. within 24 hours. Supplier must receive approval for nonconforming product disposition prior to continuing work on product.

**QPC6 TRACEABILITY:** Traceability shall be maintained from receipt of raw material through finished product. Records and material must be identified by work order number, material type, specification and applicable revision identifier or date of issue, heat number, serial number, etc., as required to maintain traceability. Records shall be maintained on file subject to examination by Triple Inc

**QPC7 RIGHT OF ENTRY:** Triple Inc., our customers and regulatory agencies, have the right of entry of access, through prior notification, to determine and verify the quality of work, applicable records and materials at all facilities involved in the order.

**QPC8 SUPPLIERS USING SUB-TIERS:** Triple Inc. must be notified in writing when a sub-tier to the supplier will be used. Prior to proceeding, the supplier must provide to Triple Inc. Purchasing evidence that the requirements of this purchase order has been flowed down to the sub-tier.

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<p><b>Approved By:</b> Lou Urban</p>	<p><b>Created By:</b> Matthew Minor</p>	<p><b>Created:</b> August 18, 2015</p>

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**QPC9 HANDLING, STORAGE, PACKAGING, PRESERVATION & DELIVERY:**

**Material Handling:** Parts/Materials shall be protected in all phases of processing to eliminate handling damage. Once raw materials begin their process into parts, metal-to-metal contact is prohibited. Care and use of protective devices shall be considered.

**Cleanliness:** Ensure all parts/materials shipped to Triple Inc. are free from foreign material, debris and contaminants on all surfaces, particularly internal machined and cored passages and crevices, which may result in potential FOD. Part openings shall be controlled at all times during processing to prevent introduction of foreign objects.

**Storage:** Storage facilities shall be provided as necessary to isolate and protect Triple Inc. materials pending use or shipment. Condition of material in stock shall be assessed for degradation periodically.

**Preservation:** When preservation of parts/materials is a requirement of the drawing, fluids used shall be checked regularly for contaminants and maintained free from contaminants through the use of filtering or replacement of the fluid.


**Packaging:** Packaging methods shall take into consideration the weight, physical configuration and method of transportation to preclude damage to parts. Ensure packing materials do not induce contamination to parts and assemblies. Prohibited packing materials includes, but is not limited to, newspaper print, loose material small enough to block or become embedded into internal cavities, holes and crevices and glue bearing materials.

**QPC10 PROHIBITED MATERIALS:** Delivered hardware shall not contain the materials listed in Table 1, nor shall they require the use of these materials for operation, maintenance, storage, transportation or service of the hardware per EPA guidelines. Go to the EPA website for a current listing of these materials and any limited used materials.

**TABLE 1  
PROHIBITED MATERIALS**

- Arsenic & Compounds
- Asbestos (including fibrous silicates such as actinolite, amosite, anthophyllite, chrysolite, crocidolite, and tremolite)
- Benzene (except in fuel)
- Beryllium & Alloys (>2%)
- Chlorinated solvents including the following:
  - Dichloromethane (methylene chloride)
  - Tetrachloroethylene (perchloroethylene)
  - 1,1,1-trichloroethane (methyl chloroform)
  - Trichloroethylene
  - Trichloromethane (chloroform)
- Class I Ozone Depleting Substances (including CFCs with suffixes 11 to 13, 111 to 115, 211 to 217 and 500 to 502; Halons 1011, 1202, 1211, 1301 and 2402)
- Ethyl Alcohol (as a hand wipe)
- Ethylene Glycol Ether Compounds (except in inks)
- Hydrazine
- Mercury & Compounds
- Methanol (as a hand wipe)
- Polychlorinated Biphenyls (PCBs)
- Radioactive Materials, including Thorium/Thoriated (TD) Nickel (excluding welding rods)

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**QPC11 COUNTERFEIT PARTS:** The seller agrees and shall take reasonable actions to ensure that Counterfeit Parts are not contained or delivered in products delivered to Triple Inc. Refer to AS6174 for guidance. Original Equipment Manufacturer (OEM) certification is required for each item delivered to ensure that the product provided is as specified on the purchase order.

**QPC12 PRODUCT SAFETY:** The supplier shall ensure product is able to perform to its intended purpose without causing unacceptable risk of harm to persons or damage to property.

**QPC13 ETHICS:** It is Triple’s policy to enter into supplier and subcontractor agreements only with companies that have a demonstrated record of and a commitment to the highest ethical standards. Supplier shall conduct itself fairly, impartially and in an ethical manner and shall adhere to a reasonable code of ethical standards including maintaining a zero-tolerance policy towards fraudulent activity.

**QPC14 SUPPLIER PERFORMANCE REQUIREMENTS:** Triple controls and monitors the performance of suppliers. Quarterly reports are generated measuring delivery and quality. While the key metrics below are targeted goals for acceptable performance, it is expected that Triple suppliers will strive for continuous improvement to meet ZERO DEFECTS for Quality and 100% On-Time Delivery. Suppliers failing to meet targeted goals for performance, may be identified on Triples Approved Supplier List (ASL) as a Moderate Risk or a High Risk until such a time where performance levels have been brought back in line with minimum stated requirements. Suppliers who’s performance is consistently below targeted goals may be permanently removed from Triples ASL.

Acceptable Quality Performance 98%    Acceptable Delivery Performance 95%

Calculating Performance Levels (Quality)

$$\frac{\text{Number of Defective parts}}{\text{Number of Parts Received}}$$

Calculating Performance Levels (On-Time Delivery) = 10 days early 0 Days Late


$$\frac{\text{Purchase Order line item quantity on time}}{\text{Total Purchase Order line item quantity due}}$$

In addition to these performance metrics, the supplier is also responsible to provide timely corrective action plan for unacceptable Quality and Delivery performance. A supplier may be placed on probationary approval or disapproved status until an acceptable Corrective Action Plan has been received, reviewed and accepted by Triple. A supplier that fails to show improvement may be removed from Triples Approved Supplier List (ASL)

**QPC15 CERTIFICATE OF CONFORMANCE:** Each shipment shall be accompanied by (1) legible and reproducible copy of a “*Certification Document*” (Certificate of Conformance, Shipper, Packing List, etc.) that includes:

1. Suppliers name and address
2. Triple Inc.’s purchase order number
3. Quantity shipped
4. Country of Origin
5. Part number with revision
6. Work order number
7. Serial numbers, batch numbers, cert numbers, heat numbers as applicable
8. Signature and title of supplier designated quality representative
9. The Certificate of Conformance must contain a statement that all inspections, processing and tests have been performed as required and meet the drawing requirements, specification requirements and/or purchase order.

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10. For certified processes (such as heat treating, welding, NDT, surface preparation and treatment, etc.), the certification shall include the processing used, method used, the specification to which they conform, the specifications latest revision level and the name of the agency that performed them if other than the supplier (e.g. sub-tier).

Failure to provide certifications may result in a non-conformance that may affect your overall Quality Performance and/or delay of payment until proper certifications are received and approved.

**QPC16 CALIBRATION SYSTEM:** Calibration suppliers shall have a quality system that is registered to ISO/IEC 17025 or ANSI/NCSL Z540.

**QPC17 SAMPLING:** Triple Inc. reserves the right to approve or disapprove sampling plans and/or process controls used for product acceptance. Submittal of such plans and controls must be approved by Triple Inc. Quality Assurance prior to use. At a minimum a first piece inspection must be completed, signed by authorized personnel and submitted to Triple Inc.

**QPC18 SUPPLIER SUPPLIED MATERIAL:** When material is supplied to Triple Inc. for processing, a certification shall be provided with the shipment stating the material type (i.e. AMS 5662), the material heat/lot number and applicable material revision as well as the quantity received as it appears on the Purchase Order. Material substitutions are prohibited without written approval by Triple Inc.

**QPC19 GOVERNMENT RATED CONTRACTS:** Rated orders are identified in the purchase order by a priority rating, if applicable, consisting of the rating either DX or DO and a program number. Rated orders take preference over all unrated orders as necessary to meet required delivery dates. Among rated orders, DX rated orders take preference over DO rated orders.

**QPC20 NON-DESTRUCTIVE TEST/INSPECTION IDENTIFICATION:** All parts found to be unacceptable by nondestructive testing methods are to be so identified; tagging and/or ink stamping are the preferred methods. Parts found acceptable can be tagged as such at the vendor’s discretion, no ink stamping is allowed of accepted parts. A certificate must accompany all shipments listing quantity accepted and any rejections if any were found.

**QPC21 SAFETY DATA SHEETS REQUIRED:** Supplier/Vendor shall forward SDS, as applicable, with, or prior to, shipment to Triple Inc.; Attention: Safety Manager.


**QPC22 DATED MATERIAL (SHELF LIFE CONTROLLED).** Time sensitive material shall be furnished with a minimum of 80% of its shelf life remaining at date of shipment. Shelf life duration, date of manufacture and date of expiration shall be listed on material certification. The supplier shall mark the life information on each container per its respective specification. If life data marking requirements are not covered by specifications, the supplier shall mark each container with date of manufacture and expiration date.

**QPC23 EYE EXAMS FOR CALIBRATION:** Eye exam requirement for all out sourced calibration service providers per Snellen 14/18 or Jaeger type 1 or equivalent

**QPC24 First Article Inspection:** A complete FAI is required IAW the latest revision of AS9102.

- The supplier **must** furnish a copy of the AS9102 FAI or Delta FAI with this shipment.
- The supplier **shall** include “all supporting documentation”.
- The supplier **shall** provide a copy of the Ballooned Drawing with each characteristic and/or requirement clearly marked with a unique identifier number. The number may be circled or boxed for easy visual identification. Suppliers are required to identify the part by tagging or packaging by a suitable means that conspicuously identifies the First Article part as such.

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**QPC25 Acceptance Authority Media (AAM).** Suppliers shall have as part of their QMS a policy for their employees and suppliers of the use of Acceptance Authority Media (AAM). Suppliers AAM policy shall comply with the AS/EN/JISQ 9100 Requirements and 14 CFR 21.2.

Suppliers shall upon request, be able to demonstrate evidence of communication to its employees use of AAM must be considered as a personal warranty of compliance and conformity per AS/EN/JISQ 9100 Requirements and 14 CFR 21.2. The areas of focus of this assessment shall include but are not limited to:

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

**QPC26 Confidentiality Agreement.** By accepting the Terms of a Triple Inc. Purchase Order, the supplier agrees to adhere to the confidentiality agreements stated herein. "Confidentiality Information" considered confidential may include but is not limited to:

1. Customer supplied documentation/records
2. Customer supplier product/property
3. Customer furnished data used for design, production and/or inspection.

**No Use** - Supplier agrees not to use Confidential Information in any way or to manufacture, test and or distribute any product embodying Confidential Information, except for the purpose set forth in this Purchase Order.

**No Disclosure** – Supplier agrees to use its best efforts to prevent and protect Confidential Information, or any part thereof, from disclosure to any person other than supplier’s employees having a need for disclosure in connection with the suppliers authorized use of Confidential Information and production/process activities.


**Cyber Security** – Supplier is required to follow policies and procedures for cyber security based industry standards (e.g. ISO2700, NIST 800-53) when sensitive information is shared.

**Protection of Secrecy** – Supplier agrees to take all steps necessary to protect the secrecy of the Confidential, and to prevent the Confidential Information from falling into the public domain or into the possession of unauthorized persons.

**Terms and Termination** – The obligations of this agreement shall be continuing until the Confidential Information disclosed to suppliers is no longer confidential.

**QPC27 Environmental Policy** – We ask that all suppliers make an effort to consider the environment and sustainability as they conduct their business, including conserving energy, reducing waste, recycling, reducing pollution and reducing emissions.

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**Additional Quality Assurance Requirements Clauses (QAR) are applicable when noted on the Purchase Order.**

- QAR 1** – Special Customer Requirement – Collins Aerospace: All inspection and Quality System requirements shall be IAW the current revision of ASQR-01.
- QAR 2** – Special Customer Requirement – Moog: This purchase order requires compliance with the quality requirements of SQR-1/Latest Revision. Suppliers are required to use Moog Approved Suppliers for special processing.
- QAR 3** – Special Customer Requirements – Triumph Actuation Systems, LLC: This purchase order requires compliance with the quality requirements of Purchase Order Quality Requirements (POQR)/Latest Revision.
- QAR 4** – Special Customer Requirements – Sargent Aerospace: This purchase order requires compliance with Sargent Controls & Aerospace Procurement Quality Requirements/Latest Revision  
Appendix B – Contract Compliance applies.
- QAR 5** – Special Customer Requirements – Derco Aerospace: This purchase order requires compliance with the current revision of the DERCO Supplier Quality Manual.
- QAR 6** – Special Quality Requirements – Magellan Aerospace: This purchase order requires compliance with the current revision of the Magellan Supplier Quality Requirements Manual.
- QAR 7** – Special Quality Requirements – Erickson Inc: This purchase order requires compliance with the current revision of the Erickson Quality Requirements Manual.
- QAR 8** – Special Quality Requirements – Raytheon: This purchase order requires compliance with the current revision of the Raytheon Quality Requirements Manual.

Signatures of Approval/Date

Signature on file 11/16/2023  
Louis P. Urban III – Director of Quality

Signature on file 11/16/2023  
Matthew Minor – Chief Operating Officer

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Title:

**QUALITY PROCUREMENT CLAUSES**

Section:

Operations

### Revision Log

Date	Change Description	Revised by:	Approval
5/24/2017	Added QPC 21 and updated QPC 6 codes	M. Minor	Matthew Minor
9/18/2017	Revised QPC extensively, renumbered and added 3 QPCs (12,13, 14)	M. Minor	Matthew Minor
11/05/2018	QPC 2, 4,11,14,15 & 16 revised. Added QPC24, 25 & 26. Added Signature Approvals	W. Nicholson	William V. Nicholson
06/01/2019	Revised QPC 6, 15, 18.	W. Nicholson	W. Nicholson
11/25/2019	Added QAR's 1-7	W. Nicholson	W. Nicholson
04/23/2020	Revised QPC-14 Supplier Performance Goals	B. Creed	L. Urban
07/15/2020	Revised QPC-2 by changing ISO 9001:2008 to ISO 9001:2015.	B. Creed	L. Urban
08/31/2020	Revised QPC 15 by replacing the word "must" with "shall". Revised QPC 18 by replacing the word "Identifier" with the word "Material", QPC-19 by adding "if applicable" to the body of the statement.	B. Creed	L. Urban
01/31/2022	Revised QPC 2 by adding the requirement for suppliers providing special processing to hold a valid and current NADCAP accreditation.	B. Creed	L. Urban
04/12/2022	Added QAR 8 to section Additional Quality Requirements for Raytheon	B. Creed	L. Urban
01/24/2023	Revised QPC-2 by adding definition for designating a supplier as High Risk. Revised QPC-14 by changing minimum delivery performance from 90% to 95%. added definition to QPC-14 for potential removal from Triples ASL	B. Creed	L. Urban
11/16/2023	Revised QPC-13 by adding a statement regarding Fraudulent Activity. Added QPC-27 regarding Triple's Environmental Policies.	B. Creed	L. Urban

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Approved By:

Lou Urban

Created By:

Matthew Minor

Created:

August 18, 2015