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The Quality Procurement Clauses (QPC) specified on a purchase order must be complied with prior to acceptance of hardware or services by Triple Inc. 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: As a minimum, the supplier shall maintain a quality system that is compliant to ISO 9001 Quality Management Systems.

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.

QPC5 NONCONFORMING 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. If a time limit is not specified, records shall be kept for ten (10) years minimum after final shipment of the order.

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.

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.

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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)

QPC11 COUNTERFEIT PARTS: No counterfeit parts are acceptable. Certification / conformance documents must be original and genuine.

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.

QPC14 PERFORMANCE: Triple controls and monitors the performance of suppliers. Quarterly reports are generated measuring delivery and quality.

QPC15 CERTIFICATE OF CONFORMANCE: Each shipment must 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

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- 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.
- 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 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 quality rating adjustments and/or delay of payment until proper certifications are received and approved.

QPC16 CALIBRATION SYSTEM: The supplier shall maintain a calibration system that is traceable to NIST, NPL or another foreign equivalent.

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 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 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 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

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

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