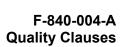




APPLICABLE QUALITY CLAUSES ARE REFERENCED ON THE PURCHASE ORDER

Clause	Requirements				
QC - 01	First Article Inspection (FAI)				
	 During initial production of each part number a first article inspection (FAI) shall be performed by the Seller. Seller may use the forms contained within AS9102 or their equivalent, so long as the forms contain all the information required by AS9102. If more than a one-year break in production, seller shall perform full FAI. The FAI shall require an update (partial/delta FAI) for changes in design, configuration, and manufacturing location. The FAI shall include objective evidence of all design characteristics and material requirements. Actual results (data) shall be documented in report form per a First Article Inspection Report in accordance with AS9102. Enter "N/A" if not applicable, do not leave blank. When recording variable data for multiple features that are the same (i.e., 20x hole size, positions, etc.) it is required that each feature be identified and listed separately on AS9102 form 3. It is acceptable to use the same balloon number but have a dash that follows for each location/result (1-1, 1-2, 1-3, etc.). Must list result for each location. All dimensional features, parts lists and drawing notes must be ballooned. Drawing notes must be written in full, do not shorten wording or reference note number. If first article item contains welding, a weld approval letter must be present in FAI package and listed for weld process approval. Certificate of conformances (CofC) for all material is to be included in package. For COT's items, a CofC from a distributor is acceptable if there is traceability on the packing slip or CofC to the original manufacturer (OEM) and includes lot/date codes, if applicable. If drawing note allows alternate or like/similar material, the specification comparison/qualification must be a part of the FAI for the CofC acceptance. Email approvals are not acceptable forms of deviation. A signed, deviation must be present if deviation is needed. The deviation must be listed in				
QC - 02	Supplier Furnished Inspection and Test Data				
	A copy of the supplier's actual recorded inspection and test results for the material produced against this purchase order must be provided to Platinum Engineering, Inc. for the product delivered for each shipment. The data must comply with the requirements of the applicable drawing and/or specification. The data recorded must have positive identification with the product being supplied with that shipment. Unless otherwise specified on drawing, this clause applies only during First Piece Inspections.				
QC - 03	Government/Customer Source Inspection (On Site Inspection)				
	When Government or Customer Source Inspection is required, it will be so stated in the body of the purchase order, along with the pertinent instructions.				



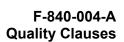


QC - 04	Configuration Management					
	Supplier shall make no change in design, assembly processes, manufacturing, or supply source, after approval of first production item, without Buyer written approval. Seller shall flow requirement of this section to its subcontractors at any tier for the performance of this contract.					
QC - 05	Material Certification					
	The supplier shall furnish certification for the materials used in the process. In addition, supplier's Certificate of Conformance will reflect products were manufactured/processed using this material. Unless otherwise specified on drawing this clause applies only during First Piece Inspections.					
QC - 06	06 Lot/Date Code Control					
	Components supplied with multiple date codes must be clearly identified and segregated from each other. Components being supplied with multiple date codes must have a date code within a 12-month period. The date code shall be recorded on the certificate of conformance.					
QC - 07	7 Records and Audit					
	Seller shall maintain, and the Buyer, shall have the right to review and audit all books and records relating to this Contract showing incurred costs, including direct costs such as labor, burden rates, and subcontracts. Other records such as Seller's purchase records to their suppliers / vendors, production records, inspection records, training records, and configuration management records shall be maintained. Such books and records shall be made available at reasonable times at facility of Seller for up to ten (10) years after final payment is made to Buyer. Other retention periods and disposition methods may be detailed in Purchase Orders and/or Purchase Agreements. In the event that the Purchase Order or Purchase Agreement differs from these requirements, the Purchase Order or Purchase Agreement requirements supersede these requirements. Disposal of records shall be done in a manner that shall prevent reconstruction. Seller shall flow requirements of this section to its subcontractors and subcontractors at any tier for the performance of this Contract.					
QC - 08	Certificate of Calibration					
	The calibration service shall provide a certificate of calibration for each item calibrated. The certificate must include the date of calibration, listed uncertainties, calibration due date, model and serial number of the equipment used in the calibration and a statement that all equipment/standards used are traceable to the National Institute of Standards and Technology (NIST).					
QC - 09	Drawing and Change Control					
	The Seller's system shall assure that the latest applicable drawings, specifications, technical requirements, Purchase Order information and changes thereto will be available at the time and place of Seller's acceptance of material and/or services or as negotiated and agreed to in writing by Buyer and Seller. All changes shall be processed in a manner, which will assure incorporation on the affected material and/or services as specified effectivity points.					

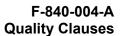




	Quality Clauses					
QC - 10	Product Identification and Traceability					
	The Seller shall maintain documented procedures for identification of product from receipt and during all processes of production and delivery. When traceability is a specified requirement, the Seller shall establish and maintain documented procedures for unique identification of individual product or batches; this identification shall be recorded.					
QC - 11	l Processing					
	The Seller shall establish a system to assure that all processes, even including those, which cannot be readily verified by inspection, will conform to specification requirements. Those processes to which Government specifications apply are subject to the applicable requirements regarding certifications or approval by Government agencies. When critical or special processes are performed outside the Seller's facility, it shall be the Seller's responsibility to assure proper performance of all such processes through surveys, certification, testing, etc. These processes include, but are not limited to, welding, X-Ray, magnetic particle and fluorescent penetrant inspection, heat treating, plating, coating and anodizing.					
QC - 12	Chemical and Physical Analysis					
	Chemical and physical analysis reports are required for raw material (i.e., sheet, rod, bar stock) for first article piece shipment. Subsequent shipments are to be made available upon request from Buyer. Suppliers of raw material or components containing greater than 0.25% (one quarter of one percent) carbon are required to produce chemical and physical analysis and maintain these records for a minimum of 10 (ten) years.					
QC - 13	Tool, Gage, Measuring Equipment and Calibration					
	The supplier shall maintain a system in compliance with ISO/IEC 17025, "General requirements for the competence of testing and calibration laboratories" or equivalent to ensure adequate controls over all tools, gages, measuring, and testing equipment used for product acceptance. Calibrations must be traceable to the National Institute of Standards and Technology (NIST). Any measuring equipment supplied by the buyer must be maintained in accordance with that system.					
QC - 14	Characteristics Not Verifiable Upon Receipt					
	The Seller shall provide adequate controls and records, within the quality system, to ensure that characteristics not verifiable upon receipt are adequately controlled.					
QC - 15	Final Acceptance					
	Inspection/test acceptance at the Seller's facilities by Buyer or the Government does not guarantee final acceptance. Final acceptance shall be at Buyer's facility unless otherwise specified on the Purchase Order. When required by contract, the Seller will comply with the requirement for customer verification of the subcontracted product.					









QC – 21 Sampling Plan

The seller shall perform a C= 0 sampling plan based on the following table. For the first 5 production lots the seller is to use an AQL of 2.5. When 5 consecutive lots are produced with no non-conformances, then the seller will move to an AQL of 4.0. If a non-conformance is identified by either the seller or buyer. The seller will start back with an AQL of 2.5 until 5 consecutive lots are produced with no non-conformances.

Normal Sampling Plan (C=0) Lot Size	AQL 2.5	AQL 4.0
1-5	1	1
5-25	5	3
26-50	7	5
51-150	11	7
151-300	13	10
301-500	16	11
Qtys above 500	20	15

QC – 22 | High Strength Fasteners (QL22)

When use of English series (Grade 5, or Grade 8) or Metric Series (Class 8.8, 9.8, 10.9, 12.9) hexagon or socket head fasteners are used, must be from a manufacturer approved by Buyer. Full traceability of these fasteners is required and shall include material chemistry, hardness/tensile strength and plating requirements. Traceability and any required test results shall be maintained on file and be available on request.

QC - 23 | Weld Items (QX118)

Weld qualification packages are required to be submitted and approved by Buyer and Buyers customer prior to production. Weld packages shall be presented in a single document package showing compliance to the weld standards and drawing requirements prior to production delivery and shall contain:

- 1) Weld map indicating WPS #'s for each weld.
- 2) Weld Procedure Specification (WPS).
- 3) Procedure Qualification Record (PQR).
- 4) Test reports for PQR(s).
- 5) Welder Qualification Records.
- 6) Weld Inspector Certification.

QC - 24 | Shelf-Life Materials

The Date of Manufacture and Shelf-Life Expiration Date shall be clearly marked on the item and / or packaging adjacent to batch or lot number identification, as well as the Certification of Conformance or pack list. Eighty percent (80%) of the Shelf-Life item is required up receipt.



F-840-004-A Quality Clauses

Revision History:

Rev	Date	Section/Paragraph	Summary of Change	Authorized By
Α	7-10-23		Initial Release	J. Wells