



**ATTACHMENT “Q”
PURCHASE ORDER QUALITY CLAUSES
AND
SUPPLIER RATING POLICY**

PURCHASE ORDER QUALITY CLAUSES

INSTRUCTIONS: Review your Purchase Order for any “Q” clauses listed below. Failure to comply with the imposed clauses could result in rejection by Bowman Plating Company, Inc.

RECEIVING INSPECTION: If you have any questions regarding these clauses, please contact our Quality Assurance Department at (310) 639-4343.

Applicable Clauses per Commodity, unless otherwise specified on purchase order:

All Commodities:

Q30, Q31, Q32, Q33, Q35, Q36, Q37, Q39, Q48, Q49, Q51, Q52, Q53, Q55

Special Process Subcontractors (i.e. Shot Peen): Q1, Q7, Q18, Q19, Q23, Q29, Q34

Independent Distributors: Q23, Q43, Q44, Q45, Q46, Q47, Q50

Materials (Raw Test Specimens, Paint, Chemicals): Q2, Q8, Q9, Q18, Q19, Q23, Q40, Q41, Q42, Q50, Q27, Q27A, Q27B, Q28 (Test specimens only)

Calibration: Q14, Q17, Q18, Q19, Q23, Q24, Q26, Q54

Testing: Q1, Q10, Q11, Q14, Q18, Q19, Q23, Q24, Q26, Q29, Q34

- Q1** **CERTIFICATIONS REQUIRED:** A certification is required for all Special Processes with applicable specification and revisions. A Certification of Conformance (C of C) is required, stating that all products or services as applicable meet or exceeds all requirements of the Purchase Order or contract. The certificate must list the following at a minimum: Title and specification number including the revision of the process, name and address of the certifying facility, buyer’s and processor’s assigned processor number (if applicable), unique “process codes” for each controlled process (if applicable), date the “C of C” was issued, Purchase Order, Part Number, quantity of parts that are being certified, including parts that are rejected, signature and title of authorized quality representative of seller, and fracture durability classification or serialization when required. List all of the drawings and/or specifications that formed the Purchase Order, as well as the amendment revision level of each document named.
(Lockheed only): *The previous listed requirements must be performed by a QCS-001 approved source. The supplier will record their PQA number for each process certified.*
Bowman Plating LM Vendor Number: POA 132
Note: Nadcap approved sources for Industry Standard processes, which are controlled by QCS-001, may be used in accordance with the requirements of Appendix QJ (F.3). If processor is utilized based on a Nadcap approval, a statement to the effect “Source utilized based on current Nadcap accreditation” shall be included.
(Boeing only) *The previous listed requirements must be performed by a D1-4426 approved source.*
- Q2** **CHEMICAL AND PHYSICAL TEST REPORTS:** Are required with each shipment, which states the specific results of the Material Tests, Showing that the material meets all specifications.
- Q3** **FIRST ARTICLE INSPECTION (FAI):** A First Article, complete with an inspection report (AS9102 or compatible) must conform to the tolerance limits of engineering drawings and specifications stated on this purchase order, is required prior to commencing production. A copy of this inspection record is required with the shipment of product. Any parts produced prior to approval of your FAI are produced at your own risk.
- Q4** **FAI:** Verification optional prior to production run. However, a documented dimensional verification is required with shipment.
- Q5** **GOVERNMENT SOURCE INSPECTION:** GSI is required at your facility. Contact the Government representative that normally services your plant immediately upon receipt of this Purchase Order or contract. Notify Bowman Plating



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Company, Inc. purchasing / Quality Assurance when inspection has been coordinated. Letter of delegation to be sent by customer who is requesting Government Source Inspection.

- Q6** **CUSTOMER SOURCE INSPECTION:** CSI is required at your facility. Contact Bowman Plating Company, Inc. Quality Assurance Department at least 72 hours prior to the product being ready for inspection. Bowman Plating Company, Inc. Quality Assurance Department will coordinate the required inspection by Bowman Plating Company, Inc. customer or regulatory agency.
- Q7** **SPECIAL PROCESSING SUPPLIER / NDT SUPPLIER REQUIREMENTS:** Qualified Products, Qualified Personnel, Process Control, Control of Records, Indication of Inspection Status and adequate Work Instructions. Any change of approvals, Nadcap, Boeing, etc. contact Bowman Plating Quality Assurance either by e-mail or fax within 72 hours. See P.O. for fax or e-mail address.
- Q8** **AGE-SENSITIVE MATERIAL:** Certifications to include specification number, date of manufacture, and batch / lot number and recommended shelf life. The product ordered shall have no less than 80% of the shelf life remaining when the product is received at Bowman, unless otherwise agreed in writing between Bowman and the supplier.
- Q9** **SAFETY DATA SHEET:** (SDS, also known as MSDS "Material Safety Data Sheet) are required with shipment of all applicable controlled materials.
- Q10** **100% INSPECTION:** Inspection is required, with actual recorded results, for all characteristics on all parts to ensure conformance to drawing and specification requirements. A copy of this inspection record is required with the shipment of product. Sampling inspection is acceptable with an approved sampling plan for surface treatment.
- Q11** **INSPECTION REPORT REQUIRED:** Showing documented evidence of inspection and verification of all dimensions with actual results by your quality department (Inspection report should show variance of dimensions measured or results of measurements from an acceptable sampling plan). This shall be included with shipment of product.
- Q12** **CONTRACT / DRAWING DIRECTED SOURCE / QUALIFIED PRODUCT LIST:** This item / service is to be procured from a listed source.
- Q13** **ROCKWELL HARDNESS / ELECTRICAL CONDUCTIVITY TEST:** Verification as applicable and certify with results per heat treat or other specifications.
- Q14** **SERIALIZATION:** Requirements are imposed. All parts have unique serial numbers assigned, maintain S/N traceability at all stages of manufacturing or processing. Indicate S/N's on all certifications, shipping reports, and/or documents.
- Q15** **BOWMAN PLATING COMPANY, INC. FURNISHED DOCUMENTS:** All Drawings, Specifications, Mylar's, or related data is to be returned upon completion of the Purchase Order or contract.
- Q16** **TECHNICAL OR PROPRIETARY DATA:** All data provided to support manufacturing or processing of this order is proprietary and shall not be reproduced in whole or part. This data shall be returned upon completion of the Purchase Order or contract.
- Q17** **CUSTOMER-FURNISHED PROPERTY:** All customer furnished property utilized in this order is Customer-Furnished and shall be returned with final shipment of parts or product.
- Q18** **SUBCONTRACTING:** All or part of the work procured in this Purchase Order without written approval of Bowman Plating Company, Inc. is prohibited. All approved subcontracted operations must meet all provisions of the Purchase Order and be certified to by the subcontractor.



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- Q19** **RIGHT OF ENTRY:** Bowman Plating Company, Inc., our customers, and Government and Regulatory Agencies, shall have Right of Entry to verify the quality of work, records, and or materials at any time as deemed necessary.
- Q20** **MOVED TO Q22C.**
- Q21** **MOVED TO Q22E.**
- Q22** **FLOW DOWN:**
- Q22A** Lockheed's Attachment "Y" Quality System Requirements are hereby imposed. In addition, the Supplier must file and maintain a copy of all purchase orders containing the following statement: "WORK TO BE ACCOMPLISHED IN PERFORMANCE OF THIS PURCHASE ORDER IS DIRECTLY RELATED TO A LOCKHEED MARTIN AERONAUTICS COMPANY PURCHASE ORDER AND MUST BE ACCOMPLISHED IN ACCORDANCE WITH PROCESS SPECIFICATION ON PURCHASE ORDER AND LOCKHEED MARTIN AERONAUTICS COMPANY APPENDIX "QJ" and make these available for review by buyer upon request.
- Q22B** UTAS/UTC's ASQR-01 (current revision at the time of purchase order was generated) Aerospace Supplier Quality Requirements are hereby imposed. See document's Table 1 for applicability.
- Q22C** Boeing's D6-82479 Quality System Requirements are hereby imposed.
- Q22D** Boeing's D1-4426 Quality System and Approval Sources Requirements are hereby imposed.
- Q22E** Northrop's (SQR) Quality System Requirements are hereby imposed.
- Q23** **QUALITY MANAGEMENT SYSTEM:** The seller should be required to comply with, and/or be certified to, and appropriate higher level quality standard (e.g., AS9100, AS9120, ISO 9001, and AS9003) or Nadcap AC7004 or ISO9001, latest revision.
- Q24** **QUALITY SYSTEM FLOW DOWN:** Quality System Requirements are flowed down to ensure that characteristics not verifiable upon receipt are adequately controlled by the subcontractor.
- Q25** **SPC DATA REQUIRED WITH SHIPMENT:** ___ Control Plans ___ Control Charts ___ Histograms.
- Q26** **CALIBRATION:** Seller's equipment shall be calibrated in accordance with ANSI/NC SL Z540.3 or ANS/ISO/IEC 17025 latest revisions.
- The temperature controlling device shall be calibrated at a minimum of three points within its range of use.
 - The temperature indicator shall be calibrated at a minimum of three points within its range of use.
 - The calibration of the black light meter shall be performed at a minimum of three points to establish linearity.
 - The calibration of the white light meter shall be performed at a minimum of three points to establish linearity.
 - All other NDT equipment shall be calibrated at a minimum of three points within its range of use unless otherwise specified in the applicable method standard or not applicable per the gage / instrument.
- Q27** **MATERIAL CERTIFICATION/RECORDS OF INSPECTION:** Supplier shall provide original or photocopy of Certified Material Test Report (CMTR) from the mill. The CMTR shall provide mill identity and mill tests ad analysis of material.
- Q27A** Supplier shall provide the original or photocopy of Certified Chemical and/or Physical Test Report(s) from an independent test lab, per applicable specifications. The report shall reflect the mill source of material. A1) Chemical, A2) Physical.
- Q27B** For Steel and Titanium purchases, the supplier shall provide certification as to the country of origin of the material provided. *No foreign-poured materials shall be submitted for use on the United States Military Aircraft. (Bell*



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Helicopter: The starting raw material has been melted in the United States, its possession, Puerto Rico, or a country listed on the DFARS 225.872-1 attachment. NOTE: Applies to steel and titanium only).

- Q28** **MATERIAL IDENTIFICATION:** All materials supplied under this purchase order must be identified with: A) Heat/lot number, B) Specification, C) Grade, D) Alloy and Temper, E) Mill marking including material type.
- Q29** **PACKAGING / PROTECTION:** Sheet stock shall be protected by appropriate material interleaved between individual sheets and on top and bottom surfaces of material. Supplier shall individually wrap or box items to prevent damage in transit. Supplier shall pack items for shipment so as to prevent metal-to-metal contact of formed surfaces. Protective devices accompany materials or items when shipped to supplier; supplier shall maintain protection during processing, apply rust or corrosion protection as required and return all such items with return shipment.
- Q30** **NONCONFORMANCE / CORRECTIVE ACTION:** The supplier shall have a system for investigating and implementing nonconformance, corrective action, and preventive action. A written request for corrective action will be issued from Bowman Plating Company, Inc. to the supplier when the root cause is the responsibility of the subcontractor. The response to Bowman Plating Company, Inc. includes: Restatement of finding, immediate corrective action, root cause analysis, root cause correction, corrective action verification, and follow-up.
- Q31** **NONCONFORMANCE NOTIFICATION REQUIREMENTS:** The supplier shall notify Bowman Plating Company, Inc. in detail immediately when nonconformity is discovered in the supplier's processes or products that may affect product already delivered.
- Q32** **SUPPLIER RESOURCES:** Supplier resources, equipment, and number of trained personnel are adequate to perform verification activities that support the complexity of hardware or services provided.
- Q33** **WRITE-IN REQUIREMENTS:** Any requirements not specified above shall be explained in detail here or in an accompanying document.
- Q34** **NADCAP:** National Aerospace and Defense Contract Accreditation Program. Accreditation System Requirements are hereby imposed for Heat Treat, Non-Destructive Testing, Chemical Process, Welding, Material Testing, and Shot Peening.
- Q35** **RECORD RETENTION:** Quality Records pertaining to this contract shall be retained for a minimum of ten (10) years from end of contract, unless specified otherwise by contract. Records will be readily available for review by Bowman Plating, Bowman Plating's customers, or regulatory agencies.
- Q36** **COUNTERFEIT PARTS PREVENTION:**
- a) For the purpose of this clause, Counterfeit Work consists of those parts delivered under this contract are the lowest level of separately identifiable items (e.g., articles, components, goods, and assemblies). "Counterfeit Work" means Work that is or contains items misrepresented as having been designed and/or produced under an approved system or other acceptable method. The term also includes approved work that has reached a design life limit or has been damaged beyond possible repair, but is altered and misrepresented as acceptable.
 - b) External Provider agrees and shall ensure that Counterfeit Work is not delivered to Bowman Plating.
 - c) External Provider shall only purchase products to be delivered or incorporated as Work to Bowman directly from the Original Component Manufacturer (OCM) / Original Equipment Manufacturer (OEM), or through an OCM/OEM authorized distributor chain. Work shall not be acquired from independent distributors or brokers unless approved in advance in writing by Bowman.
 - d) External Provider shall immediately notify Bowman with the pertinent facts if they become aware or suspects that Counterfeit Work has been furnished. When requested by Bowman, External Provider shall provide OCM/OEM documentation that authenticates traceability of the affected items to the applicable OCM/OEM.
 - e) In the event that work delivered under this contract constitutes or includes Counterfeit Work, External Provider shall, at its expense, promptly replace such Counterfeit Work with genuine work conforming to this contract. Notwithstanding any other provision in this contract, External Provider shall be liable for all costs relating to the



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removal and replacement of Counterfeit Work, including without limitation Bowman's cost of removing Counterfeit Work, of reinserting replacement Work and of any testing necessitated by the reinstallation of Work after Counterfeit Work has been exchanged. The remedies contained in this paragraph are in addition to any remedies Bowman may have at law, equity or under provisions of this contract.

External Provider shall establish and maintain a Counterfeit Prevention Program. For the purpose of this document shall be to prevent delivery of counterfeit parts and control parts indentified as counterfeit. External Provider shall flow down this requirement back to the original manufacturer of the material or component.

Q37 **FOD PREVENTION:** The Supplier shall develop and maintain a Foreign Object Debris (FOD) prevention program in accordance with NAS 412 and AS9100 requirements to identify and eliminate foreign object entrapment areas and paths through which foreign objects may migrate and cause product failure. The FOD program will include design, manufacturing, and process controls to prevent FOD in deliverable items. The Supplier shall employ appropriate housekeeping practices to assure timely detection and removal of residue/debris generated, if any, during the manufacturing operations and/or normal daily tasks. All occurrences of product rejections due to FOD shall be documented and investigated to determine the root cause of the FOD and implement actions to prevent any recurrence. The Supplier shall implement a FOD prevention program and shall provide initial and periodic FOD prevention awareness training programs. The Supplier shall include periodic self-assessment of internal FOD prevention practices to measure effectiveness. Delivered material must be clean and free from any material/debris, such as wire clippings, machined chips, burrs, grinding dust, forming materials, corrosion, oil and other foreign material on surfaces to prevent FOD entrapment. The Supplier should have special emphasis controls in place appropriate for the manufacturing environments. The Supplier shall ensure that FOD requirements are flowed down to the supplier's sub-contractor/sub-tier suppliers.

Q38 **INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR):**
EXPORT SENSITIVE: ITAR CONTROLLED
Information contained herein is subject to the code of Federal Regulations Chapter 22 International Traffic in Arms Regulations. This data may not be resold, diverted, transferred, transshipped, made available to a foreign national within the United States, or otherwise disposed of in any other country outside of its intended destination, either in original form or after being incorporated through an intermediate process into other data without the prior written approval of the US Department of State.

Q39 **APPLICATION OF ACCEPTANCE AUTHORITY MEDIA (AAM):**
Supplier will ensure and sub-tier compliance to the following requirements
Supplier shall comply with the AS/EN/JISQ 9100 requirements 14CFR Part 21.2 regarding the application of the Acceptance Authority Media (AAM) requirements.
Supplier shall, within its organization and supply chain, ensure that the use of AAM is clearly defined within its Quality Management System (QMS).
Supplier shall, upon Customer request, be able to demonstrate evidence of communication to its employees and to its supply chain; use of AAM must be considered as a personal warranty of compliance and conformity.
Supplier shall maintain compliance to the AAM requirements by assessing its process and supply chain as part of its internal and external audit activities. The areas of focus of this assessment shall include but 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.)

Seller to document and make the internal audit records and the communication to its supply chain available to customer/buyer/ review on demand.

Q40 **GUARANTEE OF MATERIAL SOURCE(S):**



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The seller shall ensure that only new and authentic materials are used in material delivered to Bowman. The Seller may only purchase paint, chemicals, raw material used for testing, etc; directly from original manufacturers, manufacturer franchised distributors, or authorized aftermarket manufacturers. Use of materiel that was not provided by these sources is not authorized unless first approved in writing by Bowman. The seller must present compelling support for its request (e.g., original manufacturer documentation that authenticates traceability of the materiel to the original manufacturer), and include in its request all actions to ensure the materiel thus procured is authentic and conforming.

Q41 SUPPLY CHAIN TRACEABILITY (MATERIEL PROVIDERS)

The seller shall maintain a method of commodity and item level traceability that ensures tracking of the supply chain back to the manufacturer of all materiel (Chemicals used for our production; Paint; Test Coupons) being delivered per this order. This traceability method shall clearly identify the name and location of all of the supply chain intermediaries from the manufacturer to the direct source of the materiel for the seller and shall include the manufacturer's commodity or item level identification for the item(s) such as date codes, lot codes, heat codes, serializations, unique item identifiers, or batch identifications.

Q42 CERTIFICATE OF CONFORMANCE AND TRACEABILITY

This clause is applicable to all contracts for Qualified Products List (QPL) or Qualified Manufacturers List (QML)-controlled materiel. This clause applies regardless of the point of inspection designated in the contract award. This clause applies both to contracts awarded directly to a manufacturer listed on the applicable QPL/QML and to suppliers (e.g., distributors) not listed as approved manufacturers on the applicable QPL/QML.

The materiel supplied must be in strict conformance to the requirements set forth and/or referenced in the item description, including applicable revisions and slash sheets. To ensure this conformance, the contractor must provide a Certificate of Conformance and Traceability (CoC/T) with the information and documentation required by the applicable specification. This documentation must reference the contract number and include a certification signed by the approved QPL/QML manufacturer. In addition, if the materiel is not procured directly from the approved manufacturer, all additional documentation required by the specification must be provided to establish traceability from the QPL/QML manufacturer through delivery to the Government. The CoC/T is required to determine acceptability of the supplies. If the CoC/T is not provided, is incomplete or otherwise unacceptable, the supplies will be determined not to meet contract requirements and will be rejected.

If the contract requires inspection and acceptance at origin, the contractor shall furnish the original and two copies of the CoC/T to the Government Quality Assurance Representative (QAR) with the items offered for acceptance. The CoC/T must clearly reference the applicable contract number. The contractor shall submit one signed copy to the contracting officer. The second copy shall be retained by the QAR. The original shall be maintained by the contractor. If the contract requires inspection and acceptance at destination, the contractor shall mail one copy of the CoC/T to the contracting officer upon shipment/delivery. The CoC/T must clearly reference the applicable contract number."

Q43 TEST AND INSPECTION REQUIREMENTS (INDEPENDENT DISTRIBUTORS)

The seller shall establish and implement test and inspection activities necessary to assure the authenticity and conformance of purchased materiel, including:

- Traceability and documentation verification;
- Visual examination;
- Tests and inspections as applicable to the materiel/product

Tests and inspections shall be performed in accordance with clearly delineated accept/reject criteria provided or approved by Bowman. The seller shall prepare and provide to the Bowman records evidencing tests and inspections performed and conformance of the materiel to specified acceptance criteria.

Tests and inspections should be performed by persons that have been trained and qualified concerning detection of the types and means of counterfeiting and how to conduct effective product authentication."

Q44 SUPPLY CHAIN TRACEABILITY FOR INDEPENDENT DISTRIBUTORS

The seller shall maintain a method of commodity and item level traceability that ensures tracking of the supply chain back to the manufacturer of the materiel being delivered per this order. This traceability method shall clearly identify the name and location of all of the supply chain intermediaries from the manufacturer to the direct source of the



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materiel for the seller, and shall include the manufacturer's commodity or item level identification for the item(s) such as date codes, lot codes, heat codes, serializations, unique item identifiers, or batch identifications.

Q45 **CERTIFICATE OF CONFORMANCE FOR INDEPENDENT DISTRIBUTORS**

The seller shall approve, retain, and provide copies of Certificates of Conformance (CoC).
Manufacturer CoCs shall, at minimum, include the following:

- a. Manufacturer name and address;
- b. Manufacturer and/or buyer's part number and dash number, group number, or similar;
- c. Commodity or item level identification for the item(s) such as date codes, lot codes, heat codes, serializations, unique item identifiers, or batch identifications;
- d. Signature or stamp with title of seller's authorized personnel signing the certificate.

NOTE: Distributors shall, in addition to the above, include their name for each part shipped.

Q46 **CERTIFICATE OF AUTHENTICITY**

The seller shall approve, retain, and provide copies of Certificates of Authenticity (CoA).
Manufacturer CoAs shall, at minimum, include the following:

- a. Contract Number
- b. Manufacturer name and address
- c. Manufacturer and/or buyer's part number and dash number, group number, or similar
- d. Item Nomenclature, Quantity, Unit of Measure
- e. Actual Manufacturer CAGE Code, Design Control Activity CAGE Code

Q47 **QUALITY MANAGEMENT SYSTEM**

The seller shall have a quality management system that complies with AS9120, Quality Management Systems - Aerospace - Requirements for Stocklist Distributors. Independent certification/registration is not required unless specified by buyer.

Organizations that obtain certification/registration to AS9120 and subsequently change certification/registration bodies (CRB), lose registration status, or are put on notice of losing registration status, shall notify the buyer's procuring organization(s) within three days of receiving such notice from its CRB.

Q48 **PRODUCT IMPOUNDMENT AND FINANCIAL RESPONSIBILITY**

If suspect/counterfeit materiel is furnished under this purchase agreement, such items shall be impounded. The seller shall promptly replace such items with items acceptable to Bowman and the seller may be liable for all costs relating to impoundment, removal, and replacement. Bowman may turn such items over to Authority Having Jurisdiction for investigation and reserves the right to withhold payment for the suspect items pending the results of the investigation. Any known instances of fraud or attempted fraud shall be documented in writing to Bowman.

Q49 **PENALTIES ASSOCIATED WITH FRAUD**

This purchase order and activities hereunder are within the jurisdiction of the USA Government. Any knowing and willful act to falsify, conceal or alter a material fact, or any false, fraudulent or fictitious statement or representation in connection with the performance of work under this purchase order may be punishable in accordance with applicable legal statutes.

Seller employees engaged in the performance of work under this purchase order shall be informed in writing prior to performance of work that there is a risk of criminal penalties associated with any falsification, concealment, or misrepresentation in connection with work performed under this purchase order.

Seller shall include the following statement preprinted on each Certificate of Conformance initiated by the seller and provided to the buyer in conjunction with this purchase order:

NOTE: The recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a crime under USA Government statute.

Seller shall include all provisions of this contract clause, including this sentence, in all lower tier contracts under this order.

Any inability or unwillingness of a lower-tier supplier to comply with this provision should be documented in writing and submitted to Bowman.



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- Q50** **WARRANTY OF AUTHENTICITY**
Supplier warrants that all products delivered under this Order are new and in their original packaging. No substitutions shall be supplied without the Buyer's prior written consent. Seller certifies that the products are genuine products authorized by the Supplier and/or manufacturer and are entitled to the full manufacturer's warranty and service; including any related software.
- Q51** **FORCE MAJEURE**
Neither Party shall be responsible to the other for any delay in performing its obligations under this Order due to any events of force majeure, except as otherwise provided for within this clause. Force majeure means any act of God, war, act or failure to act of any government in its sovereign capacity, fire, flood, earthquake, strike, epidemic, quarantine, embargo, nuclear incident, or any other act beyond reasonable control and without the fault of either Party or its subcontractors. The Party whose performance of obligations hereunder has been affected by any events of force majeure shall notify the other within five (5) calendar days thereafter by sending a detailed statement and sufficient evidence with respect thereto, and shall likewise notify promptly of any subsequent change in the circumstances. If a failure or delay in performance is caused by an event affecting any of Supplier's suppliers, such failure or delay shall not be excusable unless such event is an Excusable Delay as defined above and the Good and/or Service to be provided by such supplier is not obtainable by Supplier from other sources in time for timely delivery of the Goods and/or Services to Buyer.
- Q52** **PERSONS AWARENESS:** Supplier shall ensure that persons who perform work are aware of their contribution to product conformity, product safety and the importance of ethical behavior.
- Q53** **CONTROL OF SUPPLIER'S SUB-TIER:** Suppliers to control to their direct and sub-tier external providers to ensure that requirements are met.
- Q54** **UTAS EYE EXAMINATIONS (CALIBRATION HOUSES):** Item(s) contained within this purchase order are related to UTAS/UTC, therefore Supplier shall have a medically qualified / trained person to administer an annual eye exam to all personnel involved in inspection (i.e. calibration, non-weld, in-process, layout, dimensional) activities.
- Q55** **PREVENT TRANSACTIONS WITH DENIED PERSONS/DEBARRED PARTIES/SDN:** To ensure compliance of U.S. export laws, Bowman Plating does not conduct any business transaction with the "Denied Persons List" published by the U.S. Department of Commerce, the "Denied Persons List" published by the Department of State and the "Specially Designated Nationals List" published by the Department of Treasury, Foreign Assets Control. Bowman Plating expects all suppliers and its subcontractors to comply with these laws as well. Supplier agrees to include these requirements in lower-tier purchase orders and/or subcontracts. You may view the lists at the Government web sites for the Agencies noted.



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Suppliers are expected to maintain a Quality Risk Number lower than 70, and 80% or higher for on time delivery as required per QP 7.4.3.1.

Bowman takes the following actions for suppliers whose rating falls below the acceptable level:

- Quality Risk Number ≥ 70 and OTD $\leq 80\%$. If your Quality Risk Number or OTD rating falls below these numbers, you receive a notification regarding the unacceptable rating.
- Sustained Low Rating. If the supplier rating is low for more than two consecutive quarters, a Corrective Action Request is issued.
- If a supplier is unable / unwilling to correct the deficient rating, and has not responded to assistance from Bowman's management, the Purchasing department begins the process of finding replacement suppliers and removing the problem supplier from approved list.

Purchase Order Quality Clauses Acknowledgement:

Company: _____

Signature: _____

Date: _____



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REVISION	DATE	DESCRIPTION	APPROVAL
F	7/20/2012	Purchase Order Quality Clause Q36 was added.	Column Initiated on revision H
G	01/23/2014	- Clause Q26 was revised. - Clause Q37 was included to flow down FOD Prevention requirements to our suppliers. - Clause Q38 was included to flow down ITAR requirements to our suppliers.	
H	08/10/2017	Revised Q36 Added Q39 – Q53 Added Supplier Rating Policy	Signature On File
I	01/17/2018	Added applicable clauses per commodity. Updated Q9 to call for SDS Q20 and Q21 cancelled and moved to Q22 for flow down Q22C and Q22E respectively). Q22B and Q22D have been added. Q54 have been added to flow down UTAS/UTC eye exam requirement to calibration suppliers. Revised OTD percentage to match changes on QP 7.4.3.1 as approved during Management Review Meeting held on December 2017.	Signature On File
J	11/07/2018	Added Q55 to flow down statement to prevent transactions with denied persons/Debarred Parties/SDN as required by customers (Ref. RMI Form TC 001 D)	Signature On File
K	01/18/2019	Q8 Clause was modified to allow negotiations between Bowman and its suppliers.	Signature On File
<u>L</u>	<u>10/08/2019</u>	<u>Q1 Added Bowman’s LM Vendor Number to meet Appendix QJ flow down requirements</u>	