

ALLIED MECHANICAL

PURCHASE ORDER QUALITY CLAUSE REQUIREMENTS

1 QUALITY SYSTEM REQUIREMENTS CERTIFIED

Supplier shall maintain a Quality Management System [QMS] certified by accredited independent third-party registrar to Aerospace Standard SAE AS9100, International Standard ISO9001:2015 or equivalent, and/or NADCAP for special processes & non-destructive testing, as applicable. Calibration suppliers shall be certified to ISO/IEC 17025 and/or ISO 10012, as applicable.

2 QUALITY SYSTEM REQUIREMENTS MINIMUM

Supplier shall maintain a Quality Management System [QMS] or Quality Inspection System [QIS] which provides a high degree of confidence that all material, parts and services provided conform to all Allied Mechanical purchase order requirements. As a minimum, the Quality System must be modeled after, or be compliant with MIL-I-45208, or an equivalent/superior quality standard / system acceptable to Allied Mechanical and shall maintain a Calibration Program compliant with MIL-STD-45662 or International Standard ISO10012.

3A ELECTRONIC DATA SUBMISSION

Supplier shall electronically [e-mail] all material or part certification documentation, i.e. – Supplier Certificate of Conformance, all required certs, test reports, First Article Inspection Reports, Final Inspection Reports, etc. the day of shipping. Scanned copies are acceptable. Email address: inspectrcv@alliedmech.com **Supplier shall notify Allied Mechanical of any changes in Company ownership, management, location, product and/or processes, upon receipt of Purchase Order.**

3B SURVEILLANCE/SOURCE BY ALLIED MECHANICAL AND ALLIED MECHANICAL CUSTOMERS

All items covered by this Purchase Order are subject to surveillance and Source inspection at the supplier's facility by Allied Mechanical Quality Representative and/or Allied Mechanical's Customers prior to shipment. The supplier shall provide no less than forty-eight (48) hours advance notice to the Quality Representative to permit scheduling of source inspection. Notwithstanding the provisions of this clause, all items shall be subject to inspection and acceptance by Allied Mechanical and/or Government/ Customer Representative. The supplier shall furnish, at no cost, necessary facilities and equipment, supply data, and perform inspections and tests as required by applicable drawings, specifications, and Inspection Instructions under surveillance of the Allied Mechanical Supplier Quality Representative. Evidence of the completed Allied Mechanical source inspection shall accompany each shipment evidenced by the Allied Mechanical Inspector stamping and signing the supplier's shipping document. Verification/Inspection by Allied Mechanical or Allied Mechanical's customers will not be used as evidence of effective control of quality by the supplier and does not absolve the supplier of the responsibility to provide acceptable product or service or preclude subsequent rejection.

3C SOURCE INSPECTION BY GOVERNMENT AGENCY

Government inspection is required prior to shipment from the supplier's facility. Upon receipt of this order, promptly notify the Government Representative who normally services your facility so that appropriate planning for the Government inspection can be accomplished. In the event a DCMA representative cannot be located by the supplier, supplier shall immediately notify Allied purchasing agent to get direction.

3D DPAS

The work associated with this PO is a Government Rated order certified for national defense use and the supplier shall follow all the requirements of DPAS regulations 15CFR 700.

3E DFARS

The work associated with this PO is a U.S. Department of Defense (DOD) program and the supplier shall be aware of and follow DFARS 252.204-7012 which mandates the protection of all Covered Defense Information (CDI) that is "collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance" of a DOD contract.

3F MANNED SPACE FLIGHT REQUIREMENTS

Articles ordered in this PO are for use in Manned Space Flight. Materials, manufacturing and workmanship of the highest quality standards are essential to astronaut safety. If you are able to supply the desired items with a quality which is higher than that of the items specified or proposed, you are requested to bring this fact to the immediate attention of Allied Mechanical Purchasing. This requirement must be flowed down to any sub-tier suppliers that may be used.

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4A CUSTOMER APPROVED SUPPLIERS ONLY

Allied Mechanical's customer requires that only suppliers that are currently approved by the customer can perform work on this order. Please verify with Allied Mechanical that your company is authorized to perform the work required by this purchase order and do not send **ANY** work outside of your company without Allied Mechanical written Authorization.

4B APPROVED SPECIAL PROCESSOR REQUIRED

All special processing must be performed by an Allied Mechanical approved and Allied Mechanical customer approved processor. Approval of processor must be verified in writing prior to any work. Examples of special processor: heat treating, plating, NDT testing and others.

5 CERTIFICATIONS OF CONFORMANCE AND RECORD RETENTION

5A) MANUFACTURER/PROCESSOR:

Each shipment must be accompanied by a signed, legible and reproducible copy of a conformance certification (C of C) stating that the items meet all Allied Mechanical Purchase Order requirements and all applicable specifications. The certificate must contain the signature and title of an authorized representative of the supplier. The certificate must list all applicable specifications with revision used to produce or process the part or service. When parts are serialized, Supplier must maintain serialization throughout their processing; these serial numbers shall appear on all pages of the certifications and other documents.

5B) MATERIAL SUPPLIER:

Each shipment must be accompanied by a signed, legible and reproducible copy of a conformance certification (C of C) stating that the materials supplied meet all Allied Mechanical purchase order requirements. The certificate must list all applicable specifications used in the production and testing of the materials. Each shipment must be accompanied by a legible and reproducible copy of all material certifications used to produce the items contracted for by this purchase order. In addition, when required by the material specification, a legible and reproducible copy of all chemical and mechanical analysis certification test reports shall be provided to Allied Mechanical. These reports must contain the signature and title of the authorized representative of the agency performing the test and must assure conformance for specification requirements. The supplier shall list the "Heat Lot/batch number" on each page of all certificates.

5C) MERCURY:

The material or parts on this order must not be contaminated by mercury or mercury compounds and the Certificate of Conformance must state that the parts were not contaminated by mercury.

5D) MATERIAL & PARTS IDENTIFICATION:

The material must be marked with Allied Mechanical Purchase Order number and **Each** group of pieces must be identified with the detail/item number.

5E) HEAT LOT TRACEABILITY MARKING:

If any material for parts or details includes more than one heat lot/batch number the material supplier shall mark each piece with its respective heat lot/batch number and keep the materials separated & traceable, i.e. (pallets, boxes) at all times, to prevent mixing of heat lots or batches. The supplier shall note the material heat lots or batches on the C of C and all other documentation.

5F) DISTRIBUTOR:

The supplier shall certify that the articles delivered under this contract conform to the requirements set forth in the procurement specification and applicable detail specification. The supplier is required to use the approved/qualified product lists as required by the drawing and or specification. The supplier shall maintain on file, a certification as to the **ORIGIN** of manufacture and procurement, applicable traceability information for articles delivered, (e.g., date code/lot number), and part number. The certification shall list the actual part number shown on the Allied Mechanical purchase order, be dated and bear the signature and title of an authorized representative of the supplier of the article(s).

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5G) CALIBRATION SERVICE PROVIDERS:

Calibration Service providers will ensure that eye examinations, including visual acuity and color vision, as applicable are administered by a medically qualified/trained person to all individuals performing M&TE calibration that require visual acuity. Intervals shall not exceed one year. individuals shall be tested in at least one eye, either corrected or uncorrected, color perception testing is required one time only and records shall be retained for everyone.

6 MATERIAL AND PARTS REQUIREMENTS

6A) MATERIALS MUST BE SUPPLIED FROM A DOMESTIC MIL

Material supplied for this order must have been originally produced from a mill located in the United States. Material may be supplied from outside the US provided it meets the requirements of DFAR 252.225-7014 (Qualifying countries) and Allied Mechanical approves the DFAR 252.225-7014 material in advance of material shipment. Original mill certification and Test reports are required with each shipment. If there are any questions inquire with Allied Mechanical Quality Department to get clarification prior to shipment.

6B) NO COUNTERFEIT PARTS, MATERIALS OR HARDWARE

Per SAE AS 6174 and other customer requirements, all parts, materials and hardware must be conforming to defined requirements and authentic to the requirements without substitutions and meet the following:

- a. Maximize availability of authentic material (made from the proper materials using the proper processes with required testing;
- b. Procure materials from only reliable sources;
- c. Assure authenticity and conformance of procured materials;
- d. Control material identified as counterfeit, and;
- e. Report counterfeit material to other potential user and government investigative authorities;
- f. Documentation/certifications must show traceability to original manufacturer of material or component. If no evidence can be provided supplier must submit paperwork to be forwarded to Allied Mechanical's customer for approval.

If 6A or 6B are identified on this PO, the requirements must be flowed down to all sub-tier suppliers.

7 REPORT OF DISCREPANCY

Nonconformances to drawings, specifications or other Purchase Order requirements shall be reported to Allied Mechanical as soon as possible, via e-mail to the Allied Mechanical Buyer and Allied Mechanical Quality Department using your company's standard Discrepancy report, or at a minimum the e-mail shall describe the suspected nonconformance, including photos if possible. Please provide the cause of the nonconformance if possible. At no time is known discrepant material or part to be shipped to Allied Mechanical without written instructions from Allied Mechanical.

8 INSPECTION REQUIREMENTS

8A) FIRST ARTICLE INSPECTION:

The supplier shall perform a First Article Inspection and provide documentation in accordance with specification SAE AS9102 or a format agreed to by Allied Mechanical Quality. The First Article Inspection Report [FAIR] must include all blueprint notes and dimensions.

8B) 100% FINAL INSPECTION REPORTS:

An Inspection Report is required for each part (piece) submitted, which shall be traceable by serial number, and is required to include 100% of all dimensions and notes listed on the drawing, statement of work, specifications or Purchase order. Clarification of 100% of dimensions: separate lines on inspection report for each multiple dimension called out. Example: if a dimension says 4X 1.00, it will require a separate line for each of the 4 dimensions. Allied Mechanical Quality must agree in writing to any modifications to this requirement.

8C) FOUNDRY CONTROL:

A full Foundry Control test report and dimensional inspection report shall be submitted to Allied Mechanical. Test report shall contain at a minimum, Material Analysis, Chemical and Physical, NDT Testing, and Dimensional Inspection as required by Allied Mechanical PO and note the heat lot number.

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8D) HEAT TREATING PROCESS:

Supplier must provide Certification showing specifications and processes used, Supplier approvals as required, and oven charts with times and temperatures for parts on this PO.

9 WELDING PROCEDURES

No welding allowed on materials or parts unless defined by Allied Mechanical PO. Weld Procedures and welder qualification data shall be submitted and approved by Allied Mechanical **PRIOR** to performing any work on this purchase order.

10 FURNISHED MATERIALS

10A) CUSTOMER FURNISHED MATERIALS

The supplier shall maintain a system that includes: Inspection for transit damage, completeness and type, periodic inspection for handling damage and deterioration during storage, functional testing when required, proper identification and verification of quantity and protection from improper use or disposition. Non-conforming or damaged property must be reported to Allied Mechanical promptly.

10B) GOVERNMENT FURNISHED MATERIALS

The materials provided on this purchase order are furnished by and property of the Government. The supplier shall adhere to all requirements noted in 10A above.

11 MATERIAL SAFETY DATA SHEETS [MSDS]

The materials covered by this purchase order are subject to special handling requirements. Supplier must include Hazardous Materials handling procedures applicable to this order. Please supply one copy of the Material Safety Data Sheets [MSDS] for any hazardous material used in completion of this order. This requirement must be passed on to any subcontractors.

12 PART PROTECTION & SAFETY/PACKING FOR SHIPMENT

Unless otherwise specified by the drawing or part specification requirements, all items require protection from any type of physical, environmental, and mechanical damage. All employees shall be aware of all requirements involved in processing these parts, including critical requirements, drawing dimensions, workmanship and contamination. Protection shall be by wrapping, cushioning, part compartmentalization, boxes, or other means to mitigate shock, movement and vibration during handling and shipment. Part surfaces must be protected at all times.

13A FLOWDOWN OF REQUIREMENTS [QUALITY, ENVIRONMENTAL AND CONDUCT]

Supplier shall flow down the applicable requirements in the purchase order to sub-tier supplier where required, including key characteristics, when it is controlled by the supplier. Supplier and their subcontractor shall comply with all local, state and federal environmental regulations.

13B CODE OF CONDUCT AND ETHICS

As a supplier to Allied Mechanical, you, your employees and your company are expected to:

- a. Maintain high standards of integrity, honesty, professionalism and fair dealing.
- b. Not commit any act which may adversely impact Allied Mechanical's interests, reputation or good standing.
- c. Conduct your business in an open and ethical manner, with respect for human dignity and rights.
- d. Always have high standards of social responsibility.
- e. Respect the integrity of any information we provide to you and only use it for the purposes for which it is provided.
- f. Not engage in any practice which is, or might be perceived to be, corrupt or fraudulent.
- g. Not participate or tolerate anyone paying or accepting bribes, 'kickbacks' or similar payments or inducements.
- h. Not use child labor or any form of forced, bonded or involuntary labor.
- i. Comply with all applicable labor laws and regulations and accepted standards of workers' rights. Not discriminate against any employee, nor engage in actual or threatened physical abuse or discipline, sexual or other harassment, or verbal abuse or intimidation.
- j. Avoid engaging with Allied Mechanical employees or others in a way which results in, or may be perceived to result in, an inappropriate conflict of interest for them or Allied Mechanical.

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- k. Comply with all applicable health and safety laws and regulations. Provide a safe and clean, in all respects, workplace for your employees and visitors.
- l. Conduct your business in a way which safeguards the natural environment. Comply with all applicable environmental laws and regulations, obtain and comply with all necessary environmental permits and properly dispose of all hazardous and regulated substances.
- m. Conduct your business in accordance with all applicable laws and regulations. Comply with all applicable trust and competition laws.
- n. Have appropriate Code of Conduct & Ethics policies and procedures in place to meet the above requirements.
- o. Inform Allied Mechanical if you become aware of any actual or potential breach of above requirements by anyone.
- p. Flow all above Code of Conduct & Ethics requirements to your suppliers.

14 EXPORT COMPLIANCE (ITAR REQUIREMENT)

Supplier shall maintain procedures to prevent the disclosure of technical data and products in this order in written, oral, or visual form to any foreign national without prior export authorization from Allied Mechanical's customer or the Department of State. A foreign national is defined by the U.S. Government under EAR 734.2(b)(2)(ii) and 8 USC 1100 (a)(20) as one who:

- Is NOT a United States citizen
- Is NOT lawfully admitted for permanent residence in the United States
- Does NOT have politically protected status (embassy, refugee, or asylum)
- Has dual U.S./foreign citizenship

15 CALIBRATION OF MEASURING INSTRUMENTS

Supplier shall have a controlled gage calibration system traceable to NIST

16 NO UNAPPROVED PROCESSING OF MATERIAL OR PARTS

Supplier must notify Allied Mechanical and obtain approval from Allied Mechanical Quality Department prior to any processing, such as but not limited to, heat treating, anodizing, welding, unless specifically called out on Allied Mechanical Purchase Order.

17 SUPPLIER REQUEST FOR INFORMATION

Supplier shall use Allied Mechanical Form 8.4-4 Supplier Request for Information, to request information or make suggestions regarding work received from Allied Mechanical.