

QSP-7.4.101.1 when referenced on the face of the Purchase Order is an integral part of the Order. Failure by the supplier to conform to all QSP-7.4.101.1 requirements listed on the Purchase Order shall be cause for rejection and return of articles at the suppliers risk and expense.

Mandatory Minimum Quality Codes are identified with an asterisk* and should be listed on all Purchase Orders.

000 NO QUALITY REQUIREMENT SPECIFIED

There are no quality requirements specified by Valley Metals. Materials and / or services provided, shall meet the suppliers standard level of quality, and any claims made by the supplier in publish product descriptions or applicable quotation to Valley Metals.

1 QUALITY SYSTEM APPROVAL

- A) The supplier quality system shall be certified or be in compliance to the requirements of **ISO9001 / AS9100**.
- B) The supplier system shall meet the requirements of QSP 7.4.102 Supplier Selection and Evaluation and be on Valley Metals Approved Supplier Listing.

2* APPROVALS / COMMUNICATION

The supplier must hold a **NADCAP / ISO 9001 / AS 9100** Certification when applicable... Processing to the requirements of this PO requires special process approval from Valley Metals Customer; Notification of change to approvals, significant facility or organizational change such as company name, location or senior quality management, status is required in writing to be forwarded to **Valley Metals** Quality Management.

3* ON TIME DELIVERY

Acceptance of this order requires notification to **Valley Metals** Purchasing Department if order can not be completed on time. Valley Metals measures supplier performance monthly.

4* RIGHT OF ENTRY

Acceptance of this order is recognition of the **RIGHT OF ENTRY** at your premises to **Valley Metals** and **Valley Metals** customers for the purpose of verifying quality of work, materials and records.

5* PRODUCT WARRANTY

Acceptance of this order is also acceptance of the responsibility to ensure all products manufactured or processed by your facility or by you procured sources meet all type design and quality requirements identified in purchase order.

6 INSPECTION SYSTEM

The supplier shall maintain an inspection system which assures that all products or services provided under this purchase order complies 100% with the drawing, specification and / or requirements. Records of all inspections must be kept on file for Valley Metals review for ten (10) years. All measurement and test equipment used in the suppliers' inspection system must be subjected to periodic calibration and be traceable to NIST.

7 INSPECTION REQUIREMENTS

Supplier must furnish a report based on the following criteria.

- a. 100% Inspection required for all dimensions as defined on the supplied drawing.
- b. Final inspection report (sampling) may be applied using ANSI-ASQC Z1.4 Normal Inspection per Table IIA.
- c. Statistical control chart analysis (SPC) of part characteristics.
- d. Characteristics identified as **KEYS** must be processed in accordance with **AS9100**.

8 FIRST ARTICLE INSPECTION

A Documented First Article Inspection Report is required with shipment of product. First article shall incorporate all Characteristics and Processes produced by the supplier. This shall be required on first production run and all additional revisions. First Article shall be per **AS9102 / First Article Form**.

9 SOURCE INSPECTION

Items under this purchase order are subject to Valley Metals inspection prior to shipment your facilities. Supplier, via the buyer, will notify Valley Metals 48 hours in advance of the time the items or process will be ready for Valley Metals Source inspection.

- 10 GOVERNMENT SOURCE INSPECTION**
Government inspection is required prior to shipment from your facility. Upon receipt of this order promptly notify the government representative who normally services your facility so the appropriate planning for Government inspection can be accomplished. Government Source Inspection at the seller's facility does not relieve the Seller of the requirements of this purchase order and Valley Metals reserves the right of final acceptance.
- 11 GOVERNMENT REVIEW OF QUALITY SYSTEM, INSPECTION AND MANUFACTURING PROCESSES**
If a Government contract number is referenced, this purchase order entitles the Government to review the Quality System and/or Inspection System and Manufacturing processes. Government review of the Quality Control and / or inspection system and Manufacturing processes at the Seller's facility does not relieve the Seller of the requirements of this purchase order and Valley Metals reserves the right of final acceptance at Valley Metals and or the right to review Seller's Quality Control and /or inspection system and Manufacturing processes at the sellers facility.
- 12* CALIBRATION CERTIFICATION**
The supplier will perform calibration on test and measuring equipment used to process Valley Metals purchase order requirements. Calibration will be in accordance with ANSI/NCSL Z540-1-Latest Issue. The calibration certification must clearly state that the service was performed per ANSI/NCSL Z540-1-Latest Issue, using equipment traceable to N.I.S.T.
- 13 CONTROL OF SPECIAL PROCESSES**
The supplier must be approved by Valley Metals to perform required special processes or must use special process approved suppliers acceptable to Valley Metals and Valley Metals customers.
Note: When customer approval is required to perform a special process, the supplier must be listed on Valley Metals approved supplier listing. A list of such suppliers will be provided upon request. If the supplier wishes to use suppliers not on such list, the supplier should request authorization from Valley Metals Quality Assurance prior to commitment to an unlisted supplier.
- Special processes are defined as the following:
Materials Joining: Welding or Brazing
Heat Treatment
Chemical Processing / Plating
NDT (PT, MT, RT, UT, ET, Helium Leak Testing)
Non-Conventional Machining (Laser / EDM / Shot Peen)
Material Testing
- All special process may only be performed by Nadcap approved suppliers.
When Prime Contractor approvals are required (*Boeing, GEAE: S-400, S1000, Goodrich, Honeywell, Lockheed Martin, Northrop Grumman, Pratt & Whitney Rocketdyne, Pratt & Whitney Aircraft: LCS, Rolls Royce: SABRE etc.*) they will be listed in the text of the purchase order and the supplier must be approved by the Prime Contractor when specified.
- Examples of Prime Approvals:**
Boeing: Approved Processor Listing D14426
GEAE: Yellow Pages
Pratt & Whitney: MCL Manual Appendix(s)
Honeywell: Approved Supplier Listing
Northrop Grumman: Approved Supplier Listing
- 14 IDENTIFICATION**
A.) Material or parts supplied under this purchase order must be identified with:
- A.1 Heat Lot Number
 - A.2 Specification
 - A.3 Grade
 - A.4 Alloy and Temper
 - A.5 Mill Marking including material type
 - A.6 Serial Number
 - A.7 Rubber Stamp-Ink
 - A.8 Ink Line Marking
 - A.9 Tag (Steel or Paper)

- 15 PACKAGING AND SHIPPING**
Packaging identification shall include the following:
- Part Number
 - **Valley Metals** Purchase Order Number
- Packing Conditions shall be in a way that the product will not be damaged when handled; Identification shall be any method that shall produce legible marking; shipping terms shall be as stated on the Purchase Order.
- 16 PART PROTECTION**
Parts manufactured under this contract shall be protected at all times from damage, deterioration and contamination through the manufacturing and shipping cycles. Parts shall be protected using the following applications as applicable:
- **Containers** of wood, fiberboard or plastic
 - **Pallets**
 - **Packaging** materials shall not cause corrosion or be exposure to contamination.
- 17* VALLEY METALS FURNISHED MATERIAL / NONCONFORMANCE**
Items manufactured under this purchase order shall be fabricated from **Valley Metals** furnished material. The supplier shall not substitute for or dispose of **Valley Metals** furnished material, except as instructed in writing. Unused material properly identified shall be returned with the last shipment of fabricated parts; the supplier shall notify **Valley Metals** of all Nonconformance(s) and must obtain written approval prior to ship.
- 18 TEST SPECIMENS**
The requirements for test specimens (e.g., production method, number, storage conditions) for design approval, inspection, investigation or auditing are instructed in writing on the Purchase Order.
- 19 CERTIFICATE OF CONFORMANCE REQUIREMENTS FOR MANUFACTURERS AND DISTRIBUTORS OF RAW MATERIAL (e.g. bar sheet metal, plate, tube, wire etc.).**
Distributor must include with each shipment a Certification of Conformance with the following Statements and Documents:
- Name of Manufacturer of Material
 - **Valley Metals** Purchase Order Number
 - Certification Number
 - Material Specification and latest Revision No. / Letter
 - Material Type and Temper
 - Heat Lot Number of Material
 - **The statement “We hereby certify that all materials furnished conform to all the purchase order, drawing and specification requirements”.**
 - Stamp, Date and Signature of Authorized Quality Representative.
 - A copy of the Actual Mill Chemical and Physical Test Results traceable to the Distributor.
- 20 CERTIFICATE OF CONFORMANCE REQUIREMENTS FOR MANUFACTURERS AND DISTRIBUTORS OF COMPONENTS PRODUCED FROM METALLIC RAW MATERIAL (e.g. hardware, purchase parts).**
Manufacturer / Distributor must include with each shipment a Certification of Conformance with the following Statements and Documents:
- Name of Manufacturer of Material
 - **Valley Metals** Purchase Order Number
 - Certification Number
 - Material Specification with latest Revision No. / Letter
 - Material Type and Temper
 - Heat Lot Number of Material
 - **The statement “We hereby certify that all materials furnished conform to all the purchase order, drawing and specification requirements”.**
 - Stamp, Date and Signature of Authorized Quality Representative.
 - **A copy of the Actual Mill Chemical and Physical Test Results traceable to the Distributor.**

21 CERTIFICATION OF CONFORMANCE REQUIREMENTS FOR SUPPLIERS PERFORMING OR SUBCONTRACTING MANUFACTURING /OR INSPECTION PROCESSES SUCH AS CHEMICAL PROCESSING, NDT, WELDING, HEAT TREATING, NON-CONVENTIONAL MACHINING (EDM / LASER ETC, MATERIAL TESTING).

The supplier will include with each shipment copies of the certification with the following information as a minimum:

- *Valley Metals* Purchase Order Number
- Your Company Name and Address
- Certification Number
- Material Specification or Process Specification with latest Revision No / Letter
- All Actual Test / Processing Data Results: (See below A. – C. for additional required documents)
- Government Contract Number if applicable
- Government Rating if applicable
- **The statement “We hereby certify that all materials furnished conform to all the purchase order, drawing and specification requirements”.**
- Stamp, Date and Signature of Authorized Quality Representative.

A.) Welding Certification: Procedure Qualification Record

B.) NDT:

B.1 Radiographic Inspection Report, X-Ray Film and Radiographic Technique

B.4 Penetrant Inspection Report and Penetrant Inspection Technique

B.6 Magnetic Particle Inspection Report and Inspection Technique

B.7 Ultrasonic Inspection: Report, and Ultrasonic Scan Plan

B.8 Eddy Current Inspection: Report and Inspection Technique

B.6 Leak Test / Pressure Test Inspection Report

C.) Heat Treating Furnace Time and Temperature Charts

D.) Material Test reports

22 STANDARD CERTIFICATION OF CONFORMANCE FOR SUPPLIERS PRODUCING PRODUCT WITH MATERIAL SUPPLIED BY VALLEY METALS.

The supplier will include with each shipment a certification of conformance which states that products shipped meet all design requirements and those identified by the purchase order and shall include the following information:

- **Valley Metals** Purchase Order Number
- Your Company Name and Address
- Certification Number
- Statement of Work Performed
- Government Contract Number if applicable
- Government Rating if applicable
- **The statement “We hereby certify that all materials furnished conform to all the purchase order, drawing and specification requirements”.**
- Stamp, Date and Signature of Authorized Quality Representative.
- A copy of the Actual Mill Chemical and Physical Test Results traceable to the Distributor.

23* SUB-TIERS FLOW DOWN

Valley Metals Suppliers must flow down to sub-tier suppliers all applicable documentation and requirements in the purchasing document, including a copy of the SQR definitions and Key Characteristics when required.

24* RECEIVING INSPECTION

All material / parts received at Valley Metals will be subjected to inspection to verify all Purchase Order defined requirements within the text of the purchase order and applicable SQR(s).

25 MATERIAL OVERCHECK

Material furnished is subject to Overcheck requirements per Valley Metals procedures.

- 26*** **SUPPLIER CORRECTIVE ACTION REQUESTS (SCAR)**
When a quality problem exists Valley Metals may request corrective action from the supplier. Such requests require timely responses and should include the following information: Analysis of the cause of the problem, Immediate Corrective Action, statement of preventative action taken, and the effectivity date of action. Requests for extension of due dates shall be directed by Valley Metals Quality Assurance.
- 27** **DOMESTIC MATERIAL ONLY**
Material supplied on this purchase order must be certified to be USA melted origin.
- 28** **DFARS MATERIAL**
Specialty metals incorporated in articles delivered in fulfillment of this contract shall be melted in the United States as required by DFARS 252.225-7008 and DFARS 252.225-7009 (Replaces previous reference to DFARS 252.225-7014).

The following Defense Federal Acquisition Regulation Supplement (DFARS) requirement applies to this agreement, and is binding on Supplier and each of its subcontractors:

252.225-7008 Restriction on Acquisition of Specialty Metals
252.225-7009 Restriction on Acquisition of Certain Articles Containing Specialty Metals

Access to the applicable DFARS can be achieved via the website below:
<http://farsite.hill.af.mil/vdfara.htm>
- 29** **ARTICLE(S) ARE FOR UTC MEMBER END USE**
The supplier shall maintain a Quality System in compliance with the requirements of Pratt & Whitney specification ASQR-01. Articles contained within this purchase order are for Pratt & Whitney end use and must be controlled per applicable purchase order requirements.
- 30** **ROLLS ROYCE SABRE**
The supplier must hold written approval from Rolls-Royce per RR9000:SABRe (specifically acknowledged, by specification title, in the written approval aforementioned in Note 1). Any purchased material or subcontracted services must also be from RR9000:SABRe approved suppliers.

To satisfy this requirement, copies of the approval letter(s) must be delivered with the first shipment. This also applies to any/all sub-contractors.

This quality requirement may apply to raw material suppliers of non-MSRR materials used for the manufacturer of "non-classified" parts only for Rolls-Royce. The material, however, must be fully tested prior to release. This quality requirement also applies to process/services not considered "sensitive" per Rolls-Royce specifications/drawings (RR SQA delegated approval letter, Addendum 3).
- 31** **ROLLS ROYCE SABRE**
All material furnished or processing performed under this order must be by a source approved by Rolls-Royce per RR9000:SABRe. Any purchased material or subcontracted services must also be from RR9000:SABRe approved suppliers.

To satisfy this requirement, copies of the approval letter(s) must be delivered with the first shipment. This also applies to any/all sub-contractors.

This quality requirement may apply to those components/processes/sources classified as "sensitive" by Rolls-Royce. (RR SQA delegated approval letter).
- 32** **RECORD RETENTION**
Production records shall be maintained on file for a minimum of seven (7) years unless otherwise stated on the purchase order. Records must be readily retrievable upon request.

33 CONFLICT MINERALS

Seller warrants that, to its knowledge after reasonable inquiry, no tantalum, tin, tungsten and/or gold ("Conflict Minerals"), contained in any good subject to this order, originated from Angola, Burundi, Central African Republic, Democratic Republic of the Congo, Rwanda, South Sudan, Uganda, United Republic of Tanzania, The Republic of the Congo or Zambia, unless the Conflict Minerals were processed by a facility listed as compliant pursuant to the EICC-GeSI Conflict-Free Smelter Program. Seller agrees to abide by the terms and conditions in Purchaser's Conflict Minerals Policy, and to define, implement and communicate to its sub-suppliers its own policy outlining its commitment to responsible sourcing, legal compliance and measures for implementation. Seller agrees to cooperate and work with its sub-suppliers to ensure traceability of Conflict Minerals at least to smelter or refiner level, to maintain and record all Conflict Minerals traceability documentation for five years, and to provide such documentation to Purchaser upon request.

34 BOEING Q-NOTE 31 APPLIES TO THIS ORDER

This procurement is under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700 quality system supplier control program. Unless explicit contractual direction is given to the contrary, no articles (or constituent parts thereof) ordered by Boeing Commercial Airplanes shall contain any Federal Aviation Administration- Parts Manufacturer Approval (FAA-PMA) markings and the accompanying paperwork (e.g., packages, shippers, etc.) shall not contain any FAA-PMA markings.

THE SELLER WILL PLACE THE FOLLOWING STATEMENT ON THE SHIPPING DOCUMENTATION OF ALL SHIPMENTS TO BOEING:

"Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700 and no articles (or constituent parts thereof) or the accompanying paperwork (e.g., packages, shippers, etc.) contain any Federal Aviation Administration- Parts Manufacturer Approval (FAA-PMA) markings."

APPLICATION NOTE FOR SUPPLIER 1: THE PREFERRED LOCATION FOR THE STATEMENT IS ON THE SHIPPING DOCUMENT, NEXT TO, OR FOLLOWING, THE CERTIFICATE OF CONFORMANCE (C of C). THE STATEMENT MAY BE PRINTED, STAMPED OR ATTACHED AS A LABEL OR STICKER TO THE SHIPPING DOCUMENTATION. IT IS ALLOWABLE TO REPLACE "Seller" WITH THE COMPANY NAME OR "WE".

Application of Acceptance Authority Media (AAM): Seller shall comply with the AS/EN/JISQ 9100 requirements and 14CFR Part 21.2 regarding the application of the Acceptance Authority Media (AAM) requirements. Seller shall, within its organization and its supply chain, ensure that the use of AAM is clearly defined within its Quality Management System (QMS). Seller shall, upon **Your Company Name** 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. Seller shall maintain compliance to the AAM requirements by assessing its process and supply chain as part of its internal 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.)

35* PREVENTION OF COUNTERFEIT PARTS

Suppliers are responsible for ensuring no Counterfeit Work is delivered to Valley Metals. Suppliers shall provide only products purchased directly from the Original Equipment Manufacturer (OEM) or from an authorized distributor of the OEM.

"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.

Counterfeit Goods delivered or furnished to Valley Metals are deemed nonconforming. If Seller becomes aware or suspects that it has furnished Counterfeit Goods to Valley Metals, the Seller shall notify Valley Metals within 24 hours and replace, at Seller's expense, such Counterfeit Goods with OEM or Valley Metals-approved Goods. Seller shall be liable for all costs related to the replacement of Counterfeit Goods and any testing or validation necessitated by the installation of authentic Goods after Counterfeit Goods have been replaced.



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Quality Systems Procedure

QSP-7.4.101.1 Rev. N/C Supplier Quality Requirements

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36* CORRECTIVE ACTION, CONTINUOUS IMPROVEMENT

Valley Metals requires its Suppliers to employ a closed loop, Corrective and Preventive Action methodology, with disciplined problem-solving methods, in order to address product, process, performance, Quality System and audit non-conformances. Any Corrective or preventive action taken to eliminate the causes of actual or potential non-conformities shall be appropriate to the magnitude of problems and commensurate with the risks encountered. The supplier shall implement and record any changes to the documented procedures resulting from corrective and preventive action.

37* CONTINUOUS IMPROVEMENT

Valley Metals expects all of its suppliers to pursue continuous improvement initiatives. These initiatives shall include, at a minimum, procedures for preventive actions. Suppliers should evaluate the results of the root cause corrective actions and apply them as preventive actions to similar products and processes where the same or similar defect could occur. Suppliers should be cautious to avoid root causes "operator error" and instead look deeper for underlying factors. If operator error is truly the cause, error-proofing actions must be employed to prevent recurrence; re-training alone is insufficient.

38* FOREIGN OBJECT DEBRIS/DAMAGE (FOD) PREVENTION

Suppliers are responsible for developing and implementing a FOD prevention program that complies with NAS412. The program should include FOD Awareness and prevention training for employees. Employees should also be instructed as to the proper handling of parts and materials so as to prevent handling damage. Suppliers may be subject to review and/or training for FOD requirements as deemed necessary.

39* ETHICAL BEHAVIOR

Supplier shall ensure that their employees are aware of their contribution to product or service conformity and their contribution to product safety and the importance of ethical behavior.