

## A & V Engineering, Inc

Purchasing Quality Terms & Conditions Clause can be  
obtained at: <http://www.aandveng.com>

**All suppliers must comply with the basic Quality Clauses. Additional Quality clauses will be noted on the Purchase Order as required.**

QA1	Inspection Requirements- Supplier must furnish inspection reports based on the following criteria: a) Final Inspection Report for each lot- 100% inspection required per furnished blueprint b) Final Inspection Report (sampling) for each lot using sampling plans based on ANSI/ASQ Z1.4 & Z1.9
QA2	Source inspection at the supplier's facility is required.
QA3	First Article Inspections IAW the latest revision in effect of SAE AS9102 must be performed and conducted on a sample part representative of the first production run. The supplier assumes all financial responsibility for replacement, rework and material when production of parts is begun without first article inspection approval from quality. AS9102 F/A form required when stipulated on purchase order.
QA4	Any delay in shipment for any reason has to be conveyed to customer purchasing & quality as soon as the delay is known by the supplier.
QA5	Any change to the contract requirements made by the supplier must be approved by A&V Engineering, Inc.
QA6	All Information in the contract must be held in confidence by the supplier and no third-party request for information will be authorized unless instructed in writing by customer representative. All documents to be retained for 10 years minimum unless extended retention is required by customer quality flow-down.
QA7	In addition to our right of access, the supplier agrees to right of access for our customers, or regulatory agencies to all facilities and records in the performance of this contract, at any level of the supply chain.
QA8	Suppliers and subcontractors are required & must have a quality system in compliance to AS9003, AS9100, NADCAP or ISO9001 as applicable by our customer. (Unless prior special approval is set forth in writing by A & V Engineering, Inc.)  Personnel Qualification- Personnel performing work shall be qualified in accordance with the referenced specification(s).
QA9	Subcontractors are required to notify quality prior to transferring any work to a new facility. A&V Engineering, Inc. will determine prior to the transfer if subcontractor may perform the transfer of work.
QA10	Supplier notification to organization of nonconforming product within 24 hours or the next business day. Delivery and quality performance is monitored and expected to meet the established goals.
QA11	Arrangements for organizational approval of supplier nonconforming material.
QA12	Requirements for the sub-tier to flow-down to sub-tier supplier the applicable requirements in the purchasing documents, including key characteristics, critical items, or special requirements where required, positive FOD control processes, and ITAR requirements. For ITAR requirements the supplier must follow specific instructions.

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QA13	Requirements for the supplier to comply with Executive Order E13224. Supplier shall not engage in any transaction of any type with persons or businesses or organizations who commit, threaten to commit, or support terrorism.
QA14	Acceptance of this purchase order obligates the supplier to perform, upon request, a corrective action investigation when discrepant material is received by A & V Engineering, Inc... A written report shall be finished, within a reasonable time period, which is specific and conclusive to prevent a recurrence of the discrepancy.
QA15	Foreign Object Debris (FOD) / Damage Control – The supplier shall develop and maintain a Foreign Object Debris (FOD) awareness, detection, prevention, and removal program. The supplier must protect the parts from handling damage in all areas. The supplier is responsible to ensure that A& V Engineering, Inc. receives clean, undamaged, and contamination-free product.
<b>FOR PROCESSING SUPPLIERS, THE FOLLOWING ARE THE MINIMUM REQUIREMENTS.</b>	
QA16	Processing suppliers must furnish processing certifications to the purchase order requirements, and shall not process any parts for which they are not certificated to or A & V Engineering, Inc. approved.
<b>FOR MACHINING AND MANUFACTURING SUPPLIERS, THE FOLLOWING ARE THE MINIMUM REQUIREMENTS.</b>	
QA17	FOR MACHINING AND MANUFACTURING SUPPLIERS QA 1 - QA 15 ARE APPLICABLE.
QA18	Machining and manufacturing suppliers must furnish manufacturing certifications to the purchase order requirements, and shall not manufacture any parts for which they are not certificated or A & V Engineering, Inc. approved
<b>FOR MATERIAL SUPPLIERS, THE FOLLOWING ARE THE MINIMUM REQUIREMENTS.</b>	
QA19	Material suppliers must furnish material certifications to the purchase order requirements, and shall not supply material for which they are not certificated or A & V Engineering, Inc. approved. When noted on our purchase orders, raw material supplied must be U.S.A. domestic material.
QA20	Domestic Specialty Metals – Raw materials shall not be procured from foreign agencies or produced in non-domestic mills unless previously approved by A & V Engineering, Inc Specialty metals identified in DFARS Clause 252.225-7014 which have been melted outside the United States, its possessions, or Puerto Rico are prohibited and must be approved by A & V Engineering, Inc. prior to shipment. If approval is granted, an independent laboratory analysis may be required.
QA21	Segregation of Product – Raw materials must be supplied in single heat lots only. Supplier must obtain approval from A & V Engineering, Inc. prior to shipping multiple heat lots. If permission is granted, the material must be shipped in separate, clearly identified containers, bundles or skids. The supplier shall not mix material of any type. Material of different type, thickness, etc., must be shipped in clearly identified and separate containers, bundles, or skids.

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### FOR MATERIAL SUPPLIERS, THE FOLLOWING ARE THE MINIMUM REQUIREMENTS. Cont.

QA22

Use of Customer Approved Special Process Sources – The supplier shall use and direct sub-tier suppliers to use A & V Engineering, Inc. or A & V Engineering, Inc. customer's designated suppliers and applicable requirements as instructed on A & V Engineering, Inc. purchase order.

QA23

Calibration/test suppliers must furnish calibration/test reports to the purchase order requirements, and be traceable to the specific equipment or item for which they are calibrating or testing traceability to NIST and/or other national or international standards must be supplied ISO9001, ISO 17025, ANSI Z540, and/or NADCAP accreditation will be the quality system requirements. Actual data must be supplied. Internal Auditors must be accredited as a Certified Auditor by a third party.

### COUNTERFEIT PARTS, ELECTRONIC & NONELECTRONIC, DETECTION AND AVOIDANCE

QA24

All counterfeit parts will be quarantined, removed from circulation, & all relevant parties will be notified. The supplier shall have a counterfeit detection process for all electrical, electronic, electro-mechanical and electro-optical component parts that meets the intent of SAE standard AS5553, Counterfeit Electronic parts, Avoidance, Detection, Mitigation, and Disposition. If counterfeit parts are furnished under this order or found in any of the custom assembled goods delivered hereunder, such items will be impounded by A & V Engineering, Inc.

QA25

**Hazardous Material** – The supplier shall furnish applicable Material Safety Data Sheets for products designated by industry, state, or federal agencies as hazardous material.

QA26

A & V Engineering, Inc. expects ethical behavior, in addition to, awareness of product conformity and product safety among its workers and the organizations it works with to adhere to employee policies and rules while striving to meet & exceed the standards for quality products and services.

QA27

**Cancellation** shall remain the right of the Buyer and may be initiated at any time.