

H&H Technologies
Purchase Order Quality Clauses

Please contact H&H Technologies with any questions or concerns to any listed quality clauses. See Table of Applicable Clauses on last page for applicable clause by product or service provided per PO.

Quality Clauses

QC1 Objective Evidence of Quality

Copies of all material, processing and test certifications must accompany each shipment of parts as required by the blue print or applicable specification. Supplier must also submit a Certificate of Conformance summarizing all processes and test performed on the parts along with the name of each facility utilized. When a C of C is required the supplier shall insure it includes the following information; unique certification number, title and specification number of the process, revision, name and address of supplier, any customer identification codes (vendor/process code), date of C of C issue, H&H Technologies PO number, quantity, signature and title authorized quality agent, and serialization as required.

QC2 100% Inspection Required

Parts shipped to H&H Technologies must be 100% inspected and accepted by the supplier. Any rework which needs to be performed by H&H Technologies will be debited from the suppliers invoice.

QC3 Non-Conformances Tag

When Returning/Shipping Non-Conforming product to H&H Technologies, all items must be tagged with their discrepancy. The packing slip should be noted with the number of items discrepant.

QC4 Right of Access

During the performance of the purchased order supplier shall give H&H Technologies, its customers, and regulatory authorities' right of access to the applicable areas of all facilities, at any level of the supply chain, involved in this order and to all applicable records.

QC5 Packaging

The items on this order shall be packed, packaged and preserved in such a manner as to assure adequate protection from deterioration and physical damage due to material handling or shipment. The material shall arrive at H&H free of nicks, dents, gouges, scratches and undue oxidation. Parts subject to oxidation shall be packaged with a suitable preservation or an oxidation inhibiting paper.

QC6 Material Traceability

The supplier is responsible to ensure that material utilized for the performance of the order whether consigned by H&H Technologies or furnished by the supplier, is to be stored and identified to insure traceability and to prevent intermingled with other material.

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QC7 H&H Technologies Supplied Material

Material consigned by H&H Technologies may not be substituted by any other material to complete the order requirements unless authorization from H&H Technologies is given. All unused material will be identified with Heat Lot as well as Purchase Order number and returned to H&H at completion of job.

QC8 Contract & Technical Data Review

Upon receipt of a drawing from H&H Technologies., it is the supplier's responsibility to thoroughly review and understand the drawing and any associated engineering documentation, and be capable of complying with the requirements prior to manufacturing. Any technical questions regarding interpretation should be discussed with H&H Technologies @ 631-567-3526.

QC9 Hardware Certification

Standard hardware (MS, NAS, BAC, AN, etc.) shall be manufactured to the latest revision specification and will require certification of compliance indicating the original hardware manufacturer.

QC10 Calibration Certification Requirements

Suppliers providing calibration services shall be, at a minimum, compliant to ISO 17025 requirements. All calibrations performed must be NIST traceable and traceability identified on provided calibration certification.

QC11 Change Approval

H&H Technologies must be informed by written notification if there are any changes in product and/or process definition. Change will be reviewed by H&H Technologies and approval may be needed.

QC12 Non-Conforming Product

Supplier is required to inform H&H Technologies, within 48 hours, of any nonconforming product. H&H Technologies reserves the right to disposition any nonconformance related to this PO.

QC13 Record Retention

Supplier records must be retained for a minimum of 7 years. When an H&H Technologies customer has a requirement for retention time of greater than 7 years, the customer requirement will take precedent.

QC14 Sub-Tier Flow Down

When a sub-tier supplier is used by an H&H Technologies supplier, the supplier will flow down to the sub-tier all applicable requirements cited in purchasing documents.

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QC15 Customer Quality Requirements

When an H&H Technologies customer is identified on the purchase order, supplier must comply with the most current quality system and record retention requirements of the H&H Technologies customer.

QC16 NADCAP Certified Sources

Supplier shall ensure current NADCAP approval for any special process performed against this PO. Suppliers that are not NADCAP approved must be submitted to H&H Technologies for approval. If end user (customer) is identified on this PO only special process supplier who are approved by that customer may be used.

QC17 Approved Sources

All Special Processes of the purchase order are to be performed by sources approved by the prime customer, and to the latest revision level of the process specification.

QC18 First Article Inspection

For a first time production run of any part, First Article Inspection report for each dash number is required by the supplier. The first article inspection report shall indicate the actual measurement of each characteristic on the drawing. Recording of the FAI will be completed on AS9102 documentation. When shipping completed lot to H&H Technologies, supplier will identify the representative part by tagging the part with FAI designation.

QC19 Serialization

If applicable, assigned serial numbers shall be maintained throughout all manufacturing operations and shall be identified on all H&H Technologies documentation at time of shipment.

QC20 H&H Technologies Owned Tooling / Equipment

Any H&H Technologies Owned Tooling/Equipment supplied by H&H Technologies to Seller shall be controlled in a way to prevent loss, damage, and deterioration. Proper identification of tooling/equipment shall be maintained at all times. Tooling/equipment at no point shall be altered, repaired, reworked, or changed in anyway without the written notification of H&H Technologies or H&H Technologies. If tooling/equipment is lost or damaged, Supplier shall contact H&H Technologies within 24 hours. Tools/equipment shall be returned to H&H Technologies at close of PO or at any time requested by H&H Technologies.

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QC21 FOD Prevention

The supplier shall employ appropriate housekeeping practices to assure timely removal of residue/debris generated, if any, during manufacturing operations and/or normal daily tasks. Sellers shall determine if sensitive areas that may have a high probability for introduction of Foreign Objects should have special emphasis controls in place appropriate for the manufacturing environment. The supplier shall determine the need for, and implement, FOD prevention awareness training programs. Refer to NAS 412 Standard for guidance.

QC22 Counterfeit Parts Prevention

a) "Counterfeit Parts" means parts that are or contain items misrepresented as having been designed and/or produced under an approved system or other acceptable method. The term also includes approved parts that have reached a design life limit or have been damaged beyond possible repair, but is altered and misrepresented as acceptable.

(b) SELLER agrees and shall ensure that Counterfeit Parts are not delivered to H&H Technologies.

(c) SELLER shall only purchase products to be delivered or incorporated as work to H&H Technologies 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 H&H Technologies.

(d) SELLER shall immediately notify H&H Technologies with the pertinent facts if SELLER becomes aware or suspects that it has furnished Counterfeit Parts.

QC23 Conflict Minerals

H&H technologies requires all product supplied on this purchase order to be in compliance with and, as such, Seller warrants that no product supplied on this order contains any "conflict minerals" (gold, tin, tantalum, and tungsten) as stipulated in Dodd-Frank Bill that are mined from Democratic Republic of Congo or adjoining countries.

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QC24 Source Inspection

The following inspections and tests are subject to H&H Technologies Source Inspection when they are included as part of the Purchase Order. Supplier shall notify the H&H Technologies Purchasing Department 5 days prior to the required inspection. H&H Technologies reserves the right to perform in-process inspections and/or audits at any time during the life of this Order.

- In-Process Inspections
- Final Inspections and/or Tests
- First Article Inspections and/or Tests

Table of Applicable Clauses

Please review table for any applicable clauses for the product or services being provided. Any additional clauses required beyond those shown in the table will be listed in the body of the PO.

Clause Number	Raw Material	Part Marking	Hardware	Calibration	Machining	Processing
QC1	X		X		X	X
QC2						
QC3	X	X	X	X	X	X
QC4	X	X	X	X	X	X
QC5	X	X	X	X	X	X
QC6						
QC7					X	X
QC8		X			X	X
QC9			X			
QC10				X		
QC11	X	X	X		X	X
QC12	X	X	X	X	X	X
QC13	X	X	X	X	X	X
QC14	X	X	X	X	X	X
QC15	X	X	X	X	X	X
QC16						
QC17						
QC18						
QC19						
QC20						
QC21	X	X	X	X	X	X
QC22	X	X	X	X	X	X
QC23	X	X	X	X	X	X
QC24						