

Freedom Precision Hardware

A-840-001
Revision F
Quality Clause

Q1	A	<p><u>Manufacturer Certificate of Conformance (MCC):</u> The Manufacturer will provide a Certificate of Conformance which will include a statement of Conformance for contract / purchase order requirements. The Certificate of Conformance will also include, as a minimum, the following information: Contractor's name and address; contract/purchase order number; part or material name; part number; serial or lot number; engineering specification and/or drawing number, the applicable revision signature and title of the individual representing the said Manufacturer; and date of certification.</p>
	B	<p><u>Distributor Certificate of Conformance (DCC):</u> The Distributor will provide a Certificate of Conformance which will include a statement of Conformance for contract / purchase order requirements. The Certificate of Conformance will also include, as a minimum, the following information: Contractor's name and address; contract/purchase order number; part or material name; part number; serial or lot number; engineering specification and/or drawing number, the applicable revision signature and title of the individual representing the said Manufacturer; and date of certification.</p>
	C	<p><u>Material Chemical Test report:</u> Each shipment must be accompanied by one signed reproducible copy of the test reports of chemical analysis of the material, listing all the ingredients, as required by the specification. Authorized acceptance stamp, signature and title shall be affixed.</p>
	D	<p><u>Material Physical Test report:</u> Each shipment must be accompanied by one signed reproducible copy of the test reports of physical analysis of the material, indicate whether they are within an acceptable range, as required by the specification. These reports must assure conformance to specification requirements. Authorized acceptance stamp, signature and title shall be affixed.</p>
	E	<p><u>Raw Material Mill Certification:</u> Each shipment shall be accompanied by one signed reproducible copy of a certification that the material furnished has been tested and/or inspected to the requirements of the specification(s) ordered, and has been found in compliance with the specified requirements. The certification shall include the number(s) and revision(s) of the specification(s) to which the material is certified, and the identification of the material lot(s) to which it's applies; the MILLS's name and address; contract/purchase order number; authorized acceptance stamp, signature and title shall be affixed.</p>
	F	<p><u>Process certs:</u> Each shipment shall be accompanied by one signed reproducible copy of a certification for processes covered by specifications such as, but not limited to: plating, heat treating, welding, magnetic particle inspection, penetrant inspection, ultrasonic inspection, surface treatment, etc. The Certificate will also include, as a minimum, the following information: contractors name and address; specification number and applicable revision change number and the grade; type or value and/or contractor; and date of certification. Authorized acceptance stamp, signature and title shall be affixed.</p>
Q2	A	<p><u>Special Process:</u> Shall be performed by a Nadcap approved source.</p>
	B	<p>Shall be performed by a Customer controlled (approved source). Process certs: Each shipment shall be accompanied by one signed reproducible copy of a certification for processes covered by specifications such as, but not limited to: plating, heat treating, welding, magnetic particle inspection, penetrant inspection, ultrasonic inspection, surface treatment, etc. The Certificate will also include, as a minimum, the following information: contractors name and address; specification number and applicable revision change number and the grade; type or value and/or contractor; and date of certification. Authorized acceptance stamp, signature and title shall be affixed.</p>
Q3	A	<p><u>Inspection Test Reports/Sampling Plan:</u> Dimensional Inspection Reports: Each lot must be accompanied by a completed Dimensional Inspection Report. NOTE: The copy supplied to Freedom Precision Hardware shall be stamped, signed and dated.</p>
	B	<p>Lot Sampling Plan based on C=0 results.</p>
	C	<p>100% Inspection-Statistical Process Control (SPC) Supplier shall furnish evidence of SPC (control plan, key characteristics and process capability) or 100% inspection with last article documented for actual dimension.</p>
Q4	<p><u>First Article Inspection Requirements (FAIR):</u> The supplier shall perform a First Article Inspection (FAI) in accordance with the requirements of the current revision of SAE AS9102. The FAIR data package shall include a ballooned drawing and completed AS9102 forms as follows: Form 1- a list of the applicable detail drawings Form 2- a list of the standard parts, material or processes Form 3- the actual results for each drawing dimension and notes</p>	
Q5	<p><u>Control of Age Sensitive items/Age Limits for Elastomers/Limited Life Materials</u></p>	

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		Unless otherwise specified by the Contract/Purchase order, all purchases for elastomeric seals and seal assemblies subject to age limitations shall have at the time of delivery at least 85% of its usable shelf life left at the time of receipt by Freedom Precision Hardware unless approved by FPH in writing. The supplier shall establish and maintain an effective system of age control of elastomers. Product delivered to Freedom Precision Hardware shall be properly identified in accordance with the applicable specification and include the cure date (quarter & year, i.e. 2Q03) either on the individual packages or on the bulk containers. With each delivery of products on this contract, the supplier shall include on the packing list /shipper or on a separate attached document a written statement which complies with the requirements. Supplier shall provide sufficient data for Freedom Precision Hardware and its customers to manage item life while in storage.
Q7	A	<u>DFARS</u> <u>252.225-7008 Restriction on Acquisition of Specialty Metals: Certificate</u> of conformance or other related documentation shall state if the product is DFARS compliant. Raw Material SHALL be melted and manufactured in the U.S.
	B	<u>252.225-7009 Restriction on Acquisition of Certain Articles Containing Specialty Metals:</u> Certificate of conformance or other related documentation shall state if the product is DFARS compliant. Specialty metals procured by DOD and used in defense articles must be melted in the United States or a “qualifying country,” or melted anywhere but incorporated into an article that is manufactured in a qualifying country. The specialty metals clause allows a qualifying country to manufacture parts from metal that was melted anywhere, provided it meets specifications, but a United States company can only use metal that was melted in the United States or a qualifying country. <u>252.225-7014 Reserved.</u>
Q11		<u>Revision Control</u> Drawing, specification and reference document revisions in effect at time of order apply unless otherwise specified on PO.
Q18	A	<u>Traceability</u> <u>Full Trace to the Manufacture:</u> All parts and/or materials supplied shall be traceable to the manufacture (material, heat number, manufacturing lot number, etc.) and shall be specifically identified and documented to bear evidence of traceability.
	B	<u>Full Trace to the Origin:</u> All parts, materials and/or processes supplied shall be traceable to their point of origin (material, heat number, manufacturing lot number, etc.) and shall be specifically identified and documented to bear evidence of traceability.