

	Document:	CORE-2-A 8.4-01 Quality Clauses		
	Approved By:	A. FIGUEROA		
	Revision:	A	Released Date:	4/16/2021
	Page:	Page 1 of 3	Print Date:	4/21/2021

Product/Process/Service Purchased	Quality Code
Raw Material	QC01, QC02, QC04, QC05, QC06, QC07, QC15, QC17, QC20, QC21, QC22, QC23, QC24, QC25, QC26, QC27, QC29
Hardware & Other Materials	QC01, QC02, QC04, QC05, QC06, QC07, QC09, QC13, QC15, QC16, QC17, QC21, QC22, QC23, QC24, QC25, QC26, QC27, QC28, QC29, QC30
Special Processes (e.g. Heat Treat, Plating, Welding)	QC01, QC02, QC03, QC05, QC06, QC07, QC10, QC11, QC13, QC15, QC17, QC21, QC22, QC24, QC25, QC26, QC27, QC29, QC30
Other Outside Services	QC01, QC02, QC05, QC06, QC07, QC08, QC09, QC10, QC12, QC13, QC15, QC16, QC17, QC19, QC21, QC22, QC24, QC25, QC26, QC27, QC30
Calibration	QC06, QC14, QC21

Quality Code	Title	Requirement
QC01	Quality Management System	External provider shall establish and maintain a Quality Management System acceptable to D&R Machine, Co., for the goods and/or services purchased under this purchase order. As a minimum, the external provider's Quality Management System must meet the requirements of ISO9001 or better or Quality Management System approved by D&R Machine, Co.
QC02	AS9100 Compliant	The external provider is required to maintain a Quality Management System in compliance to AS9100. If facility is not certified to AS9100, buyer reserves the right to conduct surveillance at external provider's facility to make final determination that External provider's Quality Management System meets the requirements, and/or external provider will be required to complete an External Provider Survey.
QC03	NADCAP Approval	Special processing NADCAP approval is required. The special process requirements will be listed on the actual purchase order.
QC04	External provider Furnished Material	External provider shall submit Chemical and Physical test reports in accordance with the latest material specifications and revision. Distributors must provide a certification verifying the materials traceability to the Mill test reports when supplied.
QC05	Sub-Contractor Flow Down	External provider is required to flow down the requirements of this purchase order, including terms and conditions to the External provider's subcontractors. Flow down of key characteristics is required when specified on the face of purchase order.
QC06	Record Retention and Disposition	As a minimum, the External provider is to retain records for at least 10 years from the date of shipment under each applicable order for all products/part numbers unless otherwise specified in the order. In special circumstances, the purchase order will identify the actual required number of years that the records should be maintained. After the minimum retention period is achieved, external providers may disposition the records as archive or destroy at their discretion.
QC07	Measuring & Test Equipment	The External provider's equipment shall be calibrated in accordance with ANSI/NCLSL Z540-1 or ISO 10012-1 and traceable to NIST.
QC08	D&R Machine, Co. Furnished Property	External provider is to return all furnished property to D&R Machine, Co. at the completion of the purchase order. Furnished property may include but not be limited to the following: drawings, mylars, process specification, tooling, fixtures, and excess raw material.
QC09	Parts Identification	The External provider is to identify parts in accordance with purchase order requirements.
QC10	Nonconformance/Corrective Action	The External provider is to notify D&R Machine, Co. of any Nonconformance prior to shipping product and obtain approval for disposition of any nonconforming product. In addition, the External provider will maintain a system of handling non-conformances and corrective actions.
QC11	Special Processing Approval	The External provider is to perform a special process on this purchase

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	Page:	Page 2 of 3	Print Date:	4/21/2021

		order. Special processing may include one of the following processes: heat-treating, stress relieving or Nondestructive testing. D&R Machine, Co. shall identify the specific process specification and the end user on the purchase order. The External provider should maintain its special process approval with the end user. If the External provider is not currently approved for the specified process, it is the External provider's responsibility to notify D&R Machine, Co. immediately.
QC12	Dimensional Inspection Report	The External provider is to document an actual dimensional inspection report and submit it to D&R Machine, Co. at the completion of the purchase order.
QC13	First Article Inspection	The External provider to submit a First Article per AS9102 with this purchase order. It should identify all of the process specifications and dimensional data.
QC14	Calibration Provider	The calibration external provider shall be accredited to ISO17025. All measuring and test equipment shall be calibrated in accordance with ANSI/NCLSL Z540.3 and traceable to NIST.
QC15	Packaging Protection	External provider to package parts in a manner that will protect parts from any kind of damage. No metal to metal contact is ever allowed. In special circumstances, the purchase order may specify the manner the parts are to be packaged.
QC16	Part Number Serialization	All parts should have unique serial numbers assigned. External provider is to maintain traceability throughout the production stage.
QC17	Certificate of Conformance	A certification is required, stating that all of the products or services meet the contractual or purchase order requirements. The certificate must list the part number and all of the applicable process specifications, including up to date revision levels.
QC18	The Boeing Company Approved Process	The External provider shall maintain a special process approval from The Boeing Company on this purchase order.
QC19	Key Characteristics Data Required	This purchase order deals with the drawing that identifies key characteristics. Both the External provider and D&R Machine, Co. should have established a control plan prior to the placement of this purchase order.
QC20	BUY AMERICA ACT	Items procured under this purchase order must be compliant with DFAR 252.225-7000
QC21	Right of Entry	D&R Machine, Co., our customers, and/or any applicable regulatory authority reserve the right to access the external provider's applicable areas of all facilities, at any level of the supply chain, involved in the order and to all applicable records. Reason for access may include inspection of the item on order, status of the item, or reviewing quality records pertaining to the purchase order in question.
QC22	QMS Awareness	External providers Personnel must be made aware of: • their contribution to product or service conformity; • their contribution to product safety; • the importance of ethical behavior.
QC23	Counterfeit Prevention	External provider must have a process in place to detect and prevent the use of counterfeit parts/materials. The holder of the D&R Machine, Co. Purchase Order must be the Original Equipment (Component) Manufacturer (OEM) of the product or the OEM's Authorized Distributor with traceability to the OEM. Authorized distributors shall provide certification to OEM approved distribution. Or provide evidence of certification, or approval from the appropriate OEM of the product supplied to D&R Machine, Co.. If documentation demonstrating an unbroken chain of custody from these authorized manufacturers or distributors cannot be provided at the time of delivery, then the external provider (holder of the D&R Machine, Co. PO) must comply with CORE-2-A 8.4-02 (current revision) Counterfeit Prevention Program Requirements (available upon request).
QC24	Control & Monitoring Requirements	External provider must maintain a Quality Level $\geq 95\%$ and an OTD level $\geq 95\%$. If levels drop below target, external provider will be notified and may be placed on conditional status or disapproved if not

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	Page:	Page 3 of 3	Print Date:	4/21/2021

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QC25	Change Notification	External provider is to notify D&R Machine, Co. of changes in product and/or process, changes of external providers, changes of manufacturing facility location and, where required, obtain organization approval.
QC26	Acceptance Authority Media	Media such as inspection stamps and electronic signatures used for product acceptance/inspection must be controlled and traceable to the personnel they are issued to.
QC27	Verification on External provider's Premises	Verification of product on external provider premises by D&R Machine, Co. or its customers, does not remove the obligation to provide conforming products and shall not be used as the organizations evidence of conformity.
QC28	Shelf Life Materials	The external provider provides the manufacturing date, shelf life, and expiration date for all limited shelf life items under this order. All items will have 75% or more of their shelf life remaining at the time of shipment to D&R Machine, Co.. All items are packaged, labeled and transported per their applicable regulatory requirements.
QC29	Obsolescence	External provider must provide notice at least 180 days prior of any products approaching obsolescence and allow final purchase before obsoleting any product.
QC30	FOD Prevention	The Organization shall maintain a FOD (Foreign Object Debris) program designed to prevent the introduction of contamination or FOD. This shall also address the introduction of FOD as wasteful packaging.