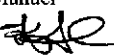
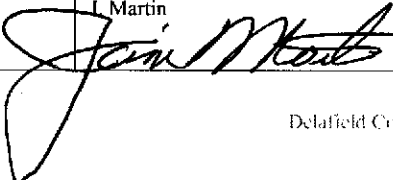
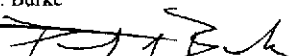



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The following additional clauses are added:  
DQR1C, DQR9D, DQR28, DQR29, DQR30

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Author	Checked By	Approved By	<b>Title: Delafield Procurement  Quality Requirements</b>
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**1. PURPOSE AND SCOPE:**

Delafield Procurement Quality requirements are defined by the various numbered "DQR" Clauses. These apply only when the specific clause number is called out on the Purchase Order. To assure conformance to all Purchase Order requirements, seller shall adhere to requirements and flow down to seller's sub tier sources, when such sources are used by seller for procurement of products for Delafield Corporation.

**2. REQUIREMENTS:**

***DQR1A: Quality System Approval***

The supplier shall, as a minimum, maintain an accredited 3<sup>rd</sup> party registration to an accredited quality management system (e.g., ISO 9001, AS9100, AS9120 certification) or approval from government authorities.

***DQR1B: Special Processes NADCAP Approval***

Special processes shall be performed by sources that are accredited by the National Aerospace and Defense Contractors Accreditation Program (NADCAP). This requirement applies whether the process is performed by the Seller or by Seller's sub-tier sources. Special Processes include but not limited to: NDT, Non-conventional Machining, Heat Treat, Plating/Coating, Welding and Chemical Processing.

***DQR1C:*** Supplier must use designated or approved sources as specified by Delafield.

***DQR2: Right of Entry***

Delafield Corporation, Delafield customers, government representatives, or applicable regulatory authorities shall have the right of Access to the applicable areas of all facilities at any level of the supply chain, involved in the order and to all applicable records.


***DQR3: Nonconformance Notification***

No known nonconformance shall be shipped to Delafield Corporation without written authorization from Delafield Corporation. The product shall be held at the supplier pending Delafield's approval for nonconforming product disposition. If nonconforming product is found by the supplier after shipment, the supplier shall notify Delafield within 48 hours of the discovery.

***DQR4: Notification of Changes***

Seller to notify Delafield of changes in product and/or process, changes of sub-tier suppliers, changes in manufacturing facility location and, where required, obtain Delafield's approval of the change.

***DQR4A:*** Product shall be manufactured to the most recent revision level of the associated parts or standard unless otherwise specified by the P.O.

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***DQR5: Flow Down to sub-Tier Suppliers***

The supplier shall flow down to the supply chain the applicable requirements including customer requirements provided by Delafield in its purchase orders. .

***DQR6 : Packaging***

Seller must assure that all product shipped is adequately packed and/or packaged to prevent damage, contamination, the introduction of Foreign Object Debris (FOD) and/or deterioration. Unless otherwise specified on the purchase order, seller must use best commercial practices to prevent damage, contamination and/or deterioration to all products during transit.

***DQR7A: Labeling and Marking***

Supplier shall provide bar codes on the packing slip and outer container label per commercial Bar Code specification. Data fields required but not limited to: Purchase Order Number, Ordered Part Number, Quantity shipped, Lot Number. Number of boxes shipped does not have to be bar coded but needs to be located with the above information. Font required is 3 of 9 (Code 39) type, human readable characters printed below each bar code. The outer container label shall have the bar code printed on it or a white label with black print attached with the bar code information on it. Size of the bar code information shall be .375 inch minimum in height and must be placed without blocking any information.

***DQR7B: Product Serialization***

Serial numbers for all items on the purchase order shall be assigned by Delafield Corporation, applied on all products and recorded on all applicable documentation by the Seller. The assigned serial numbers shall not be altered or replaced without prior written authorization from Delafield Corporation.

***DQR8: Multiple Lots***

Multiple lots shall be bagged separately and identified. No mixing of lots is allowed under any condition.

***DQR9A: Record Retention – 10 Years***

Seller shall retain quality records for a minimum of 10 years. Records shall be made available to Delafield for review upon request.

***DQR9B: Record Retention – 5 Years***

Seller shall retain quality records for a minimum of 5 years. Records shall be made available to Delafield for review upon request.

***DQR9C: Record Retention – 7 Years***

Seller shall retain quality records for a minimum of 7 years. Records shall be made available to Delafield for review upon request.

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***DQR9D: Record Retention – General***

Seller shall retain quality records for a minimum of the years specified. Records shall be made available to Delafield for review upon request.

***DQR10A: Calibration Program***

Tools and equipment used in the final acceptance of manufactured product shall be calibrated in accordance with ANSI Z540-1 or TS/ISO 16949.

***DQR10B: Calibration Report***

Tools and equipment used in the final acceptance of manufactured product shall be calibrated in accordance with ANSI Z540-1 or TS/ISO 16949. Calibration Report is required.

***DQR11A: Hazardous Material***

Seller shall furnish a label on product that indicates hazardous material and type (Ex: cadmium, lead, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE), or any chemical known to cause cancer.

***DQR11B: Mercury Free***

All products and/or services provided have not come in contact with, or have been exposed to, mercury bearing instruments or equipment, mercury in any other form, asbestos, or hazardous chemicals.

***DQR11C:*** Free of class 1 ozone depleting chemicals and/or compliance with Directive 2002/95/EC: Restriction of Hazardous Substances. RoHS.

***DQR12: Traceability Trail***

Seller must ensure that all certifications (Manufacturers Certificate of Conformance, Test Reports, Process Certs, Raw Material etc) for a part is traceable to one another by either a lot number, heat number, job, work order number, or material P.O. number.

***DQR13A: Traceability and Certifications (Including MTRs)***

The following certifications must accompany the product shipped: Manufacturers Certificate of Conformance, Raw Material Test Reports and Distributor Certificate of Conformance (as applicable). Applicable specification and part revision level must be present on certifications and test reports.

***DQR13B:*** Certified Material Test Reports (CMTRs) Required per ISO 10474/EN10204, Type 3.1.

***DQR13C - Certifications of Conformance***

The following certifications must accompany the product shipped: Manufacturers Certificate of Conformance and Distributor Certificate of Conformance (as applicable). Applicable specification and part revision level must be present on certifications and test reports.

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**DQR13C1:** Original CoC from process sub-suppliers required, as applicable (i.e.; Paint, Plating, NDE, Passivation, Precision Cleaning etc.)

**DQR13D:** Certificate of Authenticity for material shall be provided with the order.

**DQR13E:** Potential legal penalties associated with fraud and falsification

**DQR 13F:** Supplier shall establish and maintain a Counterfeit Parts Prevention/Avoidance and Control Plan in accordance with AS6174.

***DQR14: Domestic Material only per DFARS 252.225-7001***

Domestic end product means per DFARS 252.225-7001 (Buy American Act).

(i) An unmanufactured end product that has been mined or produced in the United States; or

(ii) An end product manufactured in the United States if the cost of its qualifying country components and its components that are mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components.

***DQR15: Country of Origin***

Country of Origin statement is required on the Manufacturers Certificate of Conformance. If no statement is on the C of C it will be assumed that the product was manufactured and/or assembled in the United States.

**DQR15B:** Material must Originate or be manufactured (mill source) in North America, EU Countries, Japan, Korea, Australia, Norway or Brazil unless approved in advance by Delafield

**DQR15C:** Guarantee of Materiel Source(s) to ensure that only new and authentic materials are used in materiel delivered per this P.O.


**DQR15D:** Foreign Material manufactured or produced by a country that is not listed as an FAA recognized Bilateral Country will not be acceptable.

***DQR16A: Specialty Metals Restrictions per DFARS 252.225-7014 Alternate 1***

Any specialty metals incorporated in articles delivered under this order must be melted in the United States, its possession or in a qualifying country as defined in the DFARS 252.225-7014 Alternate 1. Please refer to the DFARS clause located in the Government Websites for identification of Specialty Metals and list of Qualifying Countries. Please refer to the DFARS clause located in the Government Websites for identification of Specialty Metals and list of Qualifying Countries.

***DQR16B: Specialty Metals Restrictions per DFARS 252.225-7008***

Restriction on Acquisition of Specialty Metals in solicitations/contracts:. Any specialty metal delivered under this contract shall be melted or produced in the United States or its outlying

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areas. [NOTE: DOES NOT INCLUDE QUALIFYING COUNTRIES]. Please refer to the DFARS clause located in the Government Websites for identification of Specialty Metals.

***DQR16C: Specialty Metals Restrictions per DFARS 252.225-7009***

Restriction of Acquisition of Certain Articles Containing Specialty Metals, in solicitations/contracts. Any specialty metals incorporated in items delivered under this contract shall be melted or produced in the United States, its outlying areas, *or a qualifying country*. Please refer to the DFARS clause located in the Government Websites for identification of Specialty Metals and list of Qualifying Countries.

***DQR17: Confirm to PED Requirements***

Product must meet PED requirements per 2014/68/EU. Valid copies of ISO 9001 certification of material suppliers must be attached to all MTRs.

***DQR18: Shelf Life***

On certifications for product having a limited or specified shelf life, Seller shall indicate the cure date and when applicable, any special storage or handling conditions. Cure date must also appear on all packaging. The remaining shelf life at time of delivery shall not be less than 80% of total life.

***DQR19A: 100% Inspection Required***

Seller shall perform 100% inspection of all characteristics or specified characteristics on all products covered by the Purchase Order. Records of sellers 100% inspection results, showing actual range of values, shall accompany each delivery of product(s).

***DQR19B: First Article, Aerospace***

A documented first article is required. First article shall be required on the first production run per AS9102. All additional revisions due to engineering, design and/or specification change then a Delta AS9102 is required.

***DQR19C: First Article, Standard***

A documented first article is required or on file. First article shall be required on the first production run.

***DQR19D: Source Inspection***

Delafield Corporation source inspection is required. Inspection shall be conducted at the Seller's facility and shall be requested and accomplished prior to shipment. When the items on the Purchase Order are ready for inspection, notify the Delafield Corporation Quality Manager so that coverage can be arranged. Drawings, specifications and other pertinent data shall be made available to the Delafield Corporation Quality Representative at time of inspection.

***DQR19E: SPC Program***

A documented SPC program is required and applied as deemed necessary.

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**DQR20: ESD:** The Seller shall provide safeguards for all Electrostatic Discharge (ESD) sensitive components and assemblies. ESD components and assemblies shall be packaged and transported in electrostatic shielding containers. All ESD containers or cushioning materials must have the mechanical characteristics to properly protect parts against damage. All ESD packaging containers must have an ESD caution label affixed to the outer surface.

**DQR21: Delafield Terms and Conditions -** Delafield Terms and Conditions apply to all items shipped.

**DQR22: Return Policy -** Delafield Corporation reserves the right to return product, within a reasonable time frame, if it does not meet the dimensional and/or structural requirements of the purchase order or drawing.

**DQR23: ITAR Compliance.** Supplier must comply with all U.S. export control laws and regulations (Export Administration Act of 1979 and the Export Administration Regulations promulgated thereunder, the Arms Export Control Act, and the International Traffic in Arms Regulations, and the sanctions laws administered by the Office of Foreign Assets Control).

**DQR24:** Supplier shall establish and maintain a (FOD) control program

**DQR25: Government Orders -**Any purchase order noting a US Government Contract number and associated Priority Rating shall be executed in accordance with the Defense Priority and Allocation System Program. Priority Rating is as specified.

**DQR26: Conflict Minerals Act:** Compliance with Conflict Minerals “The Dodd-Frank Wall Street and Consumer Act” required

**DQR27:** a Statement of Compliance to ISO 10380 required on the CoC. Hose manufacturer shall provide evidence of compliance upon request.

**DQR28:** Delafield applies controlling and monitoring practices of supplier’s performance, including quality of products and services as well as on-time delivery.

**DQR29:** Test specimens required as specified.

**DQR30:** Supplier assures that personnel are aware of their contribution to product or service conformity, contribution to product safety, and the importance of ethical behavior.

### 3. **PRIME USER:**

**Quality Manager**