

GROUP 1—GLOBAL QUALITY CODES

APPLY TO ALL PURCHASE ORDERS

A1 Toxics in Packaging & Hazardous Materials Packaging Requirement

All packaging under this order must comply with [Minnesota Statute 115A.965, Prohibitions on Selected Toxics in Packaging](#), where the intentional introduction of lead, cadmium, mercury, or hexavalent chromium into packaging or the components of packaging is prohibited. The law also prohibits the incidental presence of these metals at concentrations exceeding 100 parts per million (ppm) total by weight. Furthermore, it is the responsibility of the supplier to ensure the packaging of hazardous materials is in compliance with [Title 49 Code of Federal Regulations](#), including the proper identification, labeling, marking, packaging, and emergency response information.

A2 Record Retention

The following quality documents, unless otherwise specified, shall be retained for 10 years and available for review within 1 business day:

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|--|---------------------------------|-----------------------------------|--|
| 1. Purchase orders/contract review records | 5. Process planning and control | 9. Calibration | 13. Design records (if supplier controlled design) |
| 2. Supplier certification/test reports | 6. First article inspection | 10. Material review board actions | 14. Sub-supplier evaluation |
| 3. Receiving inspection | 7. Inspection stamp log | 11. Corrective/preventive action | 15. Management system reviews |
| | | | Internal auditing |
| 4. In-process/final inspection | 8. Training/qualification | 12. Raw material verification | 16. |

A3 Export Control

1. SELLER shall comply with all applicable U.S. export control laws and economic sanctions laws and regulations, specifically including but not limited to the International Traffic in Arms Regulations (ITAR), 22 C.F.R. 500-598 (collectively, "Trade Control Laws"). Without limiting the foregoing, SELLER shall not transfer any export controlled item, technical data, technology, or service, including transfers to foreign persons employed by or associated with, or under contract to SELLER or SELLER's lower tier suppliers, unless authorized in advance by an export license (such as Technical Assistance Agreement (TAA) or Manufacturing License Agreement (MLA), license exception or license exemption, collectively, "Export Authorization"), as required.
2. SELLER shall notify Mid-Continent Engineering if any deliverable under this Contract is restricted by applicable Trade Control Laws. Before providing Mid-Continent Engineering any item or data controlled under any of the Trade Control Laws, SELLER shall provide in writing to the Mid-Continent Engineering Procurement Representative the export classification of any such item or controlled data (i.e. the export classification under the EAR, ITAR, EU List of Dual Use Items and Technology, Wassenaar Arrangement's List of Dual Use Goods and Technologies or other applicable export control list) and shall notify the Mid-Continent Engineering Procurement Representative in writing of any changes to the export classification information of the item or controlled data. SELLER represents that an official authorized to bind the SELLER has determined that the SELLER or the designer, manufacturer, supplier or other source of the Work has properly determined their export classification.
3. SELLER hereby represents that neither SELLER nor any parent, subsidiary or affiliate of SELLER is included on any of the restricted party lists maintained by the U.S. Government, including the Specially Designated Nationals List administered by the U.S. Treasury Department's Office of Foreign Assets Control ("OFAC"), Denied Parties List, Unverified List or Entity List maintained by the U.S. Commerce Department's Directorate of Defense Trade Controls, or the consolidated list of asset freeze targets designated by the United Nations, European Union, and United Kingdom (collectively, "Restricted Party Lists"). SELLER shall immediately notify the Mid-Continent Engineering Procurement Representative if SELLER, or any parent, subsidiary or affiliate of SELLER becomes listed on any Restricted Party List or if SELLER's export privileges are otherwise denied, suspended or revoked in whole or in part by any U.S. or non-U.S. government entity or agency.
4. If SELLER is engaged in the business of exporting manufacturing (whether exporting or not) or brokering defense articles or furnishing defense services, SELLER represents that it is and will continue to be registered with the Directorate of Defense Trade Controls, as required by the ITAR, and it maintains an effective export/import compliance program in accordance with the ITAR,
5. Where SELLER is a party to or signatory under a Mid-Continent Engineering Export Authorization, SELLER shall provide prompt notification to the Mid-Continent Engineering Procurement Representative in the event of (1) changed circumstances including, but not limited to, ineligibility, a violation of the ITAR or other applicable governmental restrictions, and the initiation of existence of a U.S. Government investigation, that could affect SELLER's performance under this Contract, or (2) any change by SELLER that might require Mid-Continent Engineering to submit an amendment to an existing Export Authorization or request a new or replacement Export Authorization. SELLER shall provide to Mid-Continent Engineering all information and documentation as may reasonably be required for Mid-Continent Engineering to prepare and submit any required export license applications. Delays on SELLER's part to submit the relevant information for export licenses shall not constitute an excusable delay under this Contract.
6. Seller shall include paragraphs (a) through (d) and this paragraph (f) of this clause or equivalent provisions in lower tier subcontracts for the delivery of items that will be included in or delivered as Work to Mid-Continent Engineering. SELLER shall immediately notify Mid-Continent Engineering upon learning that any lower tier subcontractor with which it engages has become listed on the Restricted Parties List.
7. Seller shall be responsible for all losses, costs, claims, causes of action, damages, liabilities and expense, including attorney's fees, all expense of litigation and or settlement, and court costs, arising from any act or omission of SELLER, its officers, employees, agents, suppliers, or subcontractors at any tier, in the performance of any of its obligations under this clause.

A4 Changes to Certification/Registration

Should supplier QMS or special process certification/registration (i.e. AS9100, ISO9000, NADCAP, etc.) be revoked, lapse, expire or otherwise not be renewed, supplier must notify Mid-Continent immediately.

A5 Nonconforming Product

Supplier must obtain written approval/disposition from Mid-Continent prior to shipping any known nonconforming orders. Where previously shipped orders are suspect as nonconforming, supplier must notify Mid-Continent immediately

A6 Supplier QMS Specific Requirement

The Supplier shall require external providers apply appropriate controls to their direct and sub-tier external providers, to ensure that requirements are met.

A7 Supplier QMS Specific Requirement

The Supplier shall control the release of product. The approval of:
 1. Products and services 2. Methods, processes and requirements 3. The release of products and services

A8 Supplier QMS Specific Requirement

The Supplier shall communicate to their organization for their personal awareness, ensuring that persons are aware of:
 1. Their contribution to MCE product or service conformity 2. Their contribution to the safety of MCE product 3. The importance of ethical behavior

A9 Supplier QMS Specific Requirement

The Supplier is responsible to respond to any specific communications from MCE relative to specific interactions. Standardly these interactions would be telephone and or e-mail communication, Quality or Delivery performance related interactions, quotation, engineering related interactions, and other related interaction requirements may be communicated directly through the purchase order process.

A10 Supplier QMS Specific Requirement

The Supplier shall be aware the MCE monitors the OTD and Quality Performance of each Supplier. These performance requirements are:
 1. 95% On-Time Delivery 2. 99% Quality

B3 Changes to Product or Process

Under this order, the supplier shall make no changes to quantity, delivery, design, materials, processes, or controls, specified and/or controlled by Mid-Continent, without prior written approval by Mid-Continent. Where change authorization is given, the changed material shall be clearly identifiable from previous materials.

B4 Material Test Reports/Verification

Under this order, material, product, processes or services shall be verified as conforming to applicable requirements prior to its release into production. Where test reports are the means to verify raw material, the data in those reports shall be acceptable per relevant specifications and verified when applicable.

B5 Flow Down of Requirements

Under this order, supplier shall flow down to its sub-tiers, the applicable requirements (material, process, certification, testing, documents, etc.) received via Mid-Continent purchase order.

B6 Counterfeit Parts/Non-Compliant Sub-Tier Notification/GIDEP Alert

Supplier shall immediately notify Mid-Continent with the pertinent facts when Supplier becomes aware or suspects counterfeit work has been sent to Mid-Continent, Supplier's sub-tiers are found to be noncompliant to Mid-Continent specifications, Supplier is disapproved by a government agency, or GIDEP Alert is required or received affecting Mid-Continent items.*

**Government-Industry Data Exchange Program: <http://www.gidep.org>*

**C1
1 Right of Entry**

With this order, Right of Entry to supplier facilities is reserved by Mid-Continent and/or its representatives, its customers, and relevant regulatory authorities for purposes of process/system auditing and purchased product inspection.

GROUP 2—SELECTIVE QUALITY CODES

APPLY WHEN LISTED ON THE PURCHASE ORDER

B7 Statistical Process Control (SPC)

Under this order, Statistical Process Control is required on all key characteristics and processes.

C1 Supplier Certificate of Conformance

Under this order, supplier shall provide written documentation with each shipment certifying conformance to all order requirements and any relevant/referenced standards. At a minimum, certification shall include:

- | | | | | | | | |
|----------------|----------------------|----------------|-------------------|-----------------|---------------------------------|--|--|
| 1. P.O. number | 2. Work order number | 3. Part number | 4. Part rev/index | 5. Shipment qty | 6. Name/address of mfg Location | 7. Mfrs lot, heat, batch, date code, and/or serial no. (if applicable) | 8. Signature /Date of Company Official |
|----------------|----------------------|----------------|-------------------|-----------------|---------------------------------|--|--|

C2 Certification—Raw Material

Certification of materials must be provided to show chemical and/or physical ranges and must identify:

- | | | |
|-----------------------------|--------------------------|-------------------------------|
| 1. Applicable specification | 2. Purchase order number | 3. Other relevant information |
|-----------------------------|--------------------------|-------------------------------|

C3 Test Reports -Chemical/Physical

Under this order, supplier shall furnish test reports with listed results for each lot of material shipped, identifying the material and applicable specification, melt, cast, heat, crop, lot, or other similar designation. Each test report must include the relevant purchase order number.

C4 Special Processes

Materials under this order require certain special processes (i.e. plating, heat treat, chemical film, welding or soldering, etc.) which must be executed by customer-approved sources. Written certification showing conformance to all applicable specifications, special tests, and procedures is required and shall be shipped with each lot of material.

C6 First Article Inspection Report (FAI)

This order requires a First Article Inspection (FAI) report on the first unit/assembly produced and shall be reviewed by Mid-Continent prior to delivery. Mid-Continent disclaims responsibility for material delivered prior to FAI approval unless otherwise contractually authorized.

C7 AS9102 First Article Inspection Report (FAI)

This order requires a First Article Inspection (FAI) report per the requirements defined in SAE AS9102 (latest revision) on the first unit/assembly produced and shall be reviewed by Mid-Continent prior to delivery. Mid-Continent disclaims responsibility for material delivered prior to FAI approval unless otherwise contractually authorized.

C8 Certificate of Calibration

Under this order, a Certificate of Calibration is required and shall certify that the calibration or verification, or both, of measuring equipment performed against measurement standards traceable to international or national measurement standards (i.e. NIST). Where no such standards exist, supplier shall indicate the basis used for calibration or verification.

C9 Inspection Data and/or Test Results

This order requires Dimensional Inspection Data and/or Test Reports as Objective Evidence of compliance to specific Part Number and Revision to be submitted with each shipment. This Dimensional Inspection Data and/or Test Reports will be reflective of your manufacturing/production process(s). Acceptable forms of the Dimensional Inspection Data and/or Test Reports are First Piece Inspection Report, In-Process Inspection Report, CMM Report, Statistical Process Control Charts, Final Inspection Report, etc.

C1
3 RoHS Compliance Requirement

Under this order, supplier shall provide written documentation certifying compliance with the 2011/65/EU European Union RoHS Directive, restricting the content (in homogenous materials) of Lead(Pb), Mercury(Hg), Hexavalent chromium(Cr⁶⁺), Polybrominated biphenyls(PBB), and Polybrominated diphenyl ether(PBDE) to 1000ppm and Cadmium(Cd) to 100ppm.

D6 Digital Product Definition (DPD) Data Requirement (Boeing)

*Under this order, document **D6-51991, Quality Assurance Standard for Digital Product Definition (DPD) at Boeing Suppliers** applies. Supplier is fully responsible for and will establish procedural controls to assure Boeing DPD transferred (authority or derivative) between their company divisions and all levels of sub-tier suppliers will be in compliance with the latest revision of D6-51991. Document link: <http://www.boeingsuppliers.com/supplier/D6-51991.pdf>*

DO Federal Priority Rating

*All **DO** rated orders take preference over all unrated orders. **DO** rated orders must be scheduled to the extent possible to ensure delivery by the required delivery date.
 See Title 15 CFR Ch. VII, Part 700.3. (1-1-07 Ed.) Commerce and Foreign Trade: http://www.access.gpo.gov/nara/cfr/waisidx_07/15cfr700_07.html*

DX Federal Priority Rating

*All **DX** rated orders take preference over **DO** rated orders and all unrated orders. **DX** rated orders must be scheduled to the extent possible to ensure delivery by the required delivery date.
 See Title 15 CFR Ch. VII, Part 700.3. (1-1-07 Ed.) Commerce and Foreign Trade: http://www.access.gpo.gov/nara/cfr/waisidx_07/15cfr700_07.html*

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