



## QUALITY CLAUSE CODES

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THESE REQUIREMENTS ARE IN ADDITION TO THOSE SET FORTH IN ANY DOCUMENT THAT IS PART OF THE CONTRACT PACKAGE. THE PROVISIONS INDICATED HEREIN ARE AN INTEGRAL PART OF THE PURCHASE ORDER  
COMPLIANCE WITH THESE REQUIREMENTS DOES NOT REDUCE THE SELLER'S RESPONSIBILITY FOR FURNISHING MATERIALS AND SERVICES WHICH FULLY COMPLY WITH ALL APPLICABLE DRAWING AND SPECIFICATION REQUIREMENTS, NOR DOES IT GUARANTEE ACCEPTANCE OF MATERIALS OR SERVICES BY AEROMATRIX COMPOSITES. IN THE EVENT THAT MATERIALS OR SERVICES ARE FOUND TO BE DEFECTIVE, AND CANNOT BE DEMONSTRATED BY THE SELLER TO BE IN CONFORMANCE WITH PURCHASE ORDER REQUIREMENTS, AEROMATRIX COMPOSITES SHALL RETAIN THE RIGHT TO REJECT THEM.

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Revision Record		
Revision	Revision Details	Date
IR		02/12/97
A		01/26/98
B		08/07/98
C		03/19/03
D		05/29/03
E		05/24/05
F		10/07/09
G		08/01/10
H	Added Sacramento, CA address; added this column and added Code 33	06/22/11
J	Updated Company logo	06/21/12
K	Updated Company Logo and Name	04/04/13
L	Updated Clause Codes 1 and 3 to include supplier notification requirements and updated Clause Code 10 part identification.	05/03/13
M	Updated Clause Code 26 to add "suppliers" to the list of changes requiring notification	06/07/13
N	Updated Clause Code 10 adding more identification criteria.	08/26/13
P	Added clause for Boeing Digital Product Definition (DPD)	01/21/14
Q	Updated table format for revisions; updated and clarified the QC 16 to reflect Delta FAI requirements and the clarification of First Piece (as opposed to FAI); modified QC 17 to expand on requirements for Notification of Escapes; updated QC 34 to remove the name "Boeing" and make it more general and AEROMATRIX COMPOSITES-centric.	4/16/2014
R	Added a Clause to use Net-Inspect for Submission of First Article, First Piece, and Inspections reports.	5/13/2014
S	Clause 2 Reference to FAR Part 21 replaced with ISO 9001. Clause 3 Compliance was accordance Clause 8 re-titled to "Packaging and Preservation" and rewritten in its entirety. Clause 11 ISO 9001 was ISO 10012. Clause 35 Re-written for clarity. Clause 37 Added Approval to Ship Authorization Clause 38 Added Direct Ship Authorization	01/07/16

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T	Clause 30 – ADDED, “UNLESS OTHERWISE NOTED ON THE PURCHASE ORDER (PO), ALL INDUSTRY STANDARDS AND SPECIFICATIONS ARE TO BE EXECUTED TO THE MOST CURRENT REVISION.”	03/09/17
U	Clause 8 –Added “BUBBLE WRAP SHALL NOT CONTACT ANY PAINTED SURFACE”.	11/13/17
V	Clause 1 – Added Prevention of Counterfeit Parts and Supplier Personnel’s awareness to their contribution to product/service nonconformity and product safety as well as the importance of ethical behavior.	1/30/18
W	Clause 39 – Clause added to address flowdown of Boeing Special Tooling requirements.	5/21/18
Y	Changed AAR name to AEROMATRIX COMPOSITES, add logo	9/29/20
Z	Added requirements for minimum shelf life within code #7 By M. Green, approved by M. Miscavage.	8/10/22

CODE	TITLE	REQUIREMENT
1	<b>GENERAL QUALITY SYSTEM REQUIREMENTS</b>	<p>THE SELLER SHALL PROVIDE AND MAINTAIN AS A MINIMUM A QUALITY SYSTEM WHICH WILL ASSURE AEROMATRIX COMPOSITES THAT ALL CONTRACTURAL, AND/OR PURCHASE ORDER REQUIREMENTS ARE MET INCLUDING THE NEED TO PREVENT THE USE OF COUNTERFEIT PARTS AND THE SUPPLIER PERSONNEL’S AWARENESS TO THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>• THEIR CONTRIBUTION TO PRODUCT/SERVICE CONFORMITY</li> <li>• THEIR CONTRIBUTION TO PRODUCT SAFETY,</li> <li>• THE IMPORTANCE OF ETHICAL BEHAVIOR.</li> </ul> <p>THIS SYSTEM SHALL BE SUBJECT TO APPROVAL BY AEROMATRIX COMPOSITES BY SURVEY AND OR AUDIT.</p> <p>AEROMATRIX COMPOSITES SHALL BE IMMEDIATELY NOTIFIED IN WRITING OF ANY CHANGE TO THE SUPPLIER’S QUALITY MANAGEMENT TEAM, QUALITY MANAGEMENT SYSTEM, OTHER SIGNIFICANT CHANGE IN THE SUPPLIER’S ORGANIZATION, CHANGE IN FINANCIAL CONDITION, CHANGE IN LOCATION OR CHANGE IN OWNERSHIP OF THE SUPPLIER.</p>

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2	<b>INSPECTION SYSTEM REQUIREMENTS</b>	THE SELLER SHALL PROVIDE AND MAINTAIN AS A MINIMUM AN INSPECTION SYSTEM IN ACCORDANCE WITH ISO 9001. SUPPLIES OR SERVICES OBTAINED UNDER THIS PURCHASE ORDER MUST MEET THE REQUIREMENTS SPECIFIED THEREIN. THIS SYSTEM SHALL BE SUBJECT TO APPROVAL BY AEROMATRIX COMPOSITES BY SURVEY AND OR AUDIT.
3	<b>QUALITY SYSTEM REQUIREMENTS</b>	THE SELLER SHALL PROVIDE AND MAINTAIN AS A MINIMUM A QUALITY PROGRAM IN COMPLIANCE WITH ISO 9001. AEROMATRIX COMPOSITES SHALL BE IMMEDIATELY NOTIFIED IN WRITING OF ANY CHANGE TO THE SUPPLIER'S QUALITY MANAGEMENT TEAM, QUALITY MANAGEMENT SYSTEM, OTHER SIGNIFICANT CHANGE IN THE SUPPLIER'S ORGANIZATION, CHANGE IN FINANCIAL CONDITION, CHANGE IN LOCATION OR CHANGE IN OWNERSHIP OF THE SUPPLIER.
4	<b>SOFTWARE QUALITY REQUIREMENTS</b>	THE SELLER IS REQUIRED TO MAINTAIN A SOFTWARE QUALITY ASSURANCE PROGRAM IN COMPLIANCE WITH IEEE/EIA 12207.
5	<b>CONTROL OF CHANGES</b>	SELLER AGREES NOT TO MAKE ANY CHANGES IN MATERIALS OR DESIGN DETAILS WHICH WOULD AFFECT THE PART OR ANY COMPONENT THEREOF WITHOUT PRIOR WRITTEN APPROVAL OF BUYER. THE SELLER WILL IDENTIFY THE AS-BUILT REVISION LEVEL OF THE END ITEM PRODUCT BEING DELIVERED ON THE STATEMENT OF CONFORMANCE AND/OR PACKING SHEET.
6	<b>SUPPLIER CORRECTIVE ACTION</b>	SELLER SHALL, ON REQUEST, ON FORMS DESIGNATED BY THE BUYER, PROVIDE STATEMENTS OF CORRECTIVE ACTION ON FAILURES OF THE SELLER'S HARDWARE OR QUALITY SYSTEM. CORRECTIVE ACTION STATEMENTS, AT BUYER'S OPTION, MAY REQUIRE APPROVAL SIGNATURE BY BUYER. ALL REJECTED ARTICLES RESUBMITTED BY SELLER TO BUYER SHALL BEAR ADEQUATE IDENTIFICATION INCLUDING REFERENCES TO BUYER'S REJECTION DOCUMENT.
7	<b>SHELF LIFE AND TEMPERATURE SENSITIVE MATERIALS</b>	THE SELLER SHALL IDENTIFY ALL MATERIALS AND ARTICLES THAT HAVE DEFINITE CHARACTERISTICS OF QUALITY DEGRADATION WITH AGE OR ENVIRONMENT. THE SHELF LIFE OF MATERIALS MUST HAVE A REMAINING DURATION OF A MINIMUM OF 80% FOR ONE MONTH AND UP TO 6 MONTHS, AND 60% FOR BEYOND SIX MONTHS AND UP TO 12 MONTHS, AND A MINIMUM OF 50% ONE YEAR AND BEYOND. THE SELLER SHALL AFFIX THIS INFORMATION DIRECTLY ON THE MATERIAL CONTAINER OR ARTICLE. THIS IDENTIFICATION SHALL INDICATE THE DATE USEFUL LIFE WAS INITIATED AND THE DATE OR CYCLE AT WHICH THE USEFUL LIFE WILL BE EXPENDED. WHEN ENVIRONMENT IS A FACTOR IN DETERMINING USEFUL LIFE, THE INDICATION SHALL INCLUDE THE STORAGE CONDITIONS (I.E. TEMPERATURE, HUMIDITY, ETC.) REQUIRED TO ACHIEVE THE STATED LIFE. AS A MINIMUM EXPIRATION DATES FOR STORAGE CONDITIONS OF 40 & 0 DEGREES WILL BE DOCUMENTED ON THE SUPPLIER CERTIFICATE OF CONFORMANCE. A MINIMUM OF 75 PERCENT OF THE APPLICABLE MATERIAL/ARTICLE SHELF LIFE SHALL REMAIN UPON RECEIPT OF THE MATERIAL OR ARTICLE BY AEROMATRIX COMPOSITES, OR THE MATERIAL IS SUBJECT TO REJECTION AND RETURN TO THE SELLER.

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8	<b>PACKAGING AND PRESERVATION</b>	<p>UNLESS OTHERWISE SPECIFIED BY THE ITEM DRAWING, SPECIFICATION, OR PURCHASE ORDER, PACKAGING AND PACKING OF ALL PRODUCTS SHALL BE IN ACCORDANCE WITH STANDARD COMMERCIAL PACKAGING PRACTICE ASTM D3951-10. ALL ITEMS ARE TO BE CLEAN, DRY, WRAPPED, CUSHIONED, OR PACKED COMPARTMENTALIZED TO AVOID PHYSICAL DAMAGE, CORROSION AND DETERIORATION DURING HANDLING AND SHIPPING. BUBBLE WRAP SHALL NOT CONTACT ANY PAINTED SURFACE. THE SUPPLIER SHALL HAVE PROVISIONS FOR THE PREVENTION, DETECTION, AND REMOVAL OF FOREIGN OBJECT DEBRIS (FOD). ANY SINGLE ITEM WEIGHING OVER 5 POUNDS (LBS.) SHALL BE INDIVIDUALLY PACKAGED. PARTS SHALL NOT BE INTERMINGLED UNLESS OTHERWISE SPECIFIED. IT IS THE SUPPLIER'S RESPONSIBILITY TO ENSURE THAT ADDITIONAL COMMERCIAL CARRIER PACKAGING REQUIREMENTS (FED-EX, UPS, DHL, ETC.) ARE TAKEN INTO CONSIDERATION WHEN SHIPPING PRODUCTS. EACH BOX OR CONTAINER SHALL BE LABELED AND HAVE, AS A MINIMUM, THE FOLLOWING INFORMATION:</p> <ul style="list-style-type: none"> <li>• PART NUMBER AND REVISION;</li> <li>• PO NUMBER;</li> <li>• PO LINE ITEM;</li> <li>• QUANTITY;</li> <li>• MANUFACTURER'S IDENTIFICATION</li> </ul>
9	<b>MATERIAL SAFETY DATA SHEETS</b>	<p>MATERIAL(S) NOTED ON THIS PURCHASE ORDER SHALL BE SUPPLIED IN ACCORDANCE WITH THE HAZARD COMMUNICATION STANDARD, 29CFR1910.1200, OSHA INSTRUCTION CPL2-2.38 REV D, DATED MAY 10, 1998 "MATERIALS SAFETY DATA SHEETS". MATERIALS NOT RECEIVED IN COMPLIANCE WITH THE AFOREMENTIONED OSHA REQUIREMENTS WILL BE SUBJECT TO IMMEDIATE REJECTION AND RETURNED AT THE SUPPLIER'S EXPENSE.</p> <p>IN ADDITION, IF THE SELLER IS AWARE OF ANY ADDITIONAL PRECAUTIONS AND/OR HANDLING REQUIREMENTS INSTITUTED WITH REGARD TO OTHER CUSTOMERS, THE SELLER IS REQUESTED TO SUBMIT THOSE SAFEGUARDS WITH MSDS.</p> <p>A TOXIC SUBSTANCES CONTROL ACT (TSCA) CERTIFICATION LETTER SHALL BE SENT TO THE AEROMATRIX COMPOSITES BUYER FOR THE PRODUCT(S) PURCHASED ON THIS PURCHASE ORDER WITH THE STATEMENT THAT EVERY CHEMICAL COMPONENT OF THE PRODUCT(S) IS LISTED BY THE TOXIC SUBSTANCES CONTROL ACT INVENTORY (P.L. 94-94-969).</p>
10	<b>IDENTIFICATION</b>	<p>PARTS, ASSEMBLIES, AND COMPONENTS SHALL BE IDENTIFIED AS SPECIFIED ON THE ENGINEERING DRAWING. WHEN IDENTIFICATION IS NOT SPECIFIED ON THE ENGINEERING DRAWING, THE PRODUCT SHALL BE PERMANENTLY AND CLEARLY IDENTIFIED WITH THE PART NUMBER SPECIFIED ON THE PURCHASE ORDER. ADDITIONALLY, THE PART SHALL BE IDENTIFIED WITH THE REVISION LEVEL, LOT NUMBER AND SERIAL NUMBER WHEN APPLICABLE. WHEN ITEMS ARE TOO SMALL TO EASILY IDENTIFY, THEY MAY BE BAGGED AND TAGGED WITH THE PART NUMBER, REVISION LEVEL AND LOT NUMBER.</p>
11	<b>CALIBRATION SYSTEM REQUIREMENTS</b>	<p>SELLER SHALL HAVE A CALIBRATION SYSTEM THAT ASSURES COMPLIANCE WITH ISO 9001 REQUIREMENTS AN AEROMATRIX COMPOSITES QUALITY ASSURANCE REPRESENTATIVE MUST APPROVE ANY DEVIATION OR WAIVER TO THIS REQUIREMENT.</p>

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12	<b>CERTIFICATE OF CONFORMANCE</b>	<p>THE SELLER SHALL CERTIFY THAT THE PRODUCT DELIVERED CONFORMS IN EVERY ASPECT TO THE CONTRACTUAL AND TECHNICAL REQUIREMENTS OF THE PURCHASE ORDER, ENGINEERING DRAWING(S), SPECIFICATIONS, AND STANDARDS REFERENCED THEREIN WHERE REQUIRED BY THE AEROMATRIX COMPOSITES PURCHASE ORDER, INCLUSIVE OF ALL DOCUMENTS REFERENCED THEREIN AND PARTS, MATERIALS, OR PROCESSES THAT HAVE BEEN PROCURED FROM APPROVED SOURCES. A REPRESENTATIVE OF THE SELLER SHALL SIGN THE STATEMENT OF CONFORMANCE DOCUMENT.</p> <p>A SELLER'S CERTIFICATE OF CONFORMANCE (C OF C) MAY NOT BE "BLANKET" IN NATURE, OR STATE GENERALITIES SUCH AS "MEETS APPLICABLE SPECIFICATIONS", "MATERIAL IS ON QPL", OR "MATERIAL HAS BEEN ACCEPTED BY THE GOVERNMENT". STATEMENTS OF BELIEF RATHER THAN FACT ARE ALSO UNACCEPTABLE, SUCH AS "TO THE BEST OF MY/OUR KNOWLEDGE AND BELIEF."</p> <p><b>STATEMENT DOCUMENTATION:</b></p> <p>EACH SHIPMENT BY THE SELLER SHALL BE ACCOMPANIED BY A STATEMENT OF CONFORMANCE IN ACCORDANCE WITH THE ABOVE.</p> <p>WHEN THE ITEM OR THE ITEMS CONTAINED WITHIN AN ASSEMBLY, SUB-ASSEMBLY, OR DETAIL PART ON THIS PURCHASE ORDER ARE SUPPLIED BY A DISTRIBUTOR, A COPY OF THE STATEMENT OF CONFORMANCE FROM THE TRUE MANUFACTURER MUST ACCOMPANY EACH SHIPMENT.</p>
13	<b>MATERIAL TEST REPORTS</b>	<p>EACH SHIPMENT OF ITEMS SHALL BE ACCOMPANIED BY A COPY OF THE ACTUAL TEST DATA SHEET FOR EACH PART NUMBER, LOT, BATCH, OR HEAT, AS APPLICABLE. TEST DATA SHEETS FROM SUPPLIER OR DISTRIBUTOR C OF C SHALL REFERENCE THE AEROMATRIX COMPOSITES PURCHASE ORDER NUMBER, BUYER'S AND MANUFACTURER'S PART NUMBER, INCLUDING DASH NUMBER, AND REVISION LETTER, NOMENCLATURE, AND APPLICABLE SPECIFICATION, AND SHALL REFLECT THE ACTUAL CHEMICAL AND PHYSICAL TEST RESULTS REPRESENTATIVE OF THE ARTICLES.</p> <p><b>DISTRIBUTION CENTERS:</b> SHALL DOCUMENT INFORMATION REQUESTED ON TRACEABLE C OF C TO ORIGINAL MANUFACTURING DOCUMENT(S).</p> <p><b>SHIPMENT DOCUMENTATION:</b></p> <p>A LEGIBLE UNALTERED COPY OF THE TEST DATA SHEET MUST ACCOMPANY EACH SHIPMENT, UNLESS VERIFIED AND VALIDATED BY AEROMATRIX COMPOSITES QUALITY ASSURANCE REPRESENTATIVE AT THE SELLER'S FACILITY.</p>
14	<b>CERTIFIED TEST DATA</b>	<p>CERTIFIED TEST DATA IS REQUIRED. IT SHALL CONTAIN QUANTITATIVE REQUIREMENTS AND PERMISSIBLE TOLERANCE(S) FOR VALUES MEASURED, AND SHALL INDICATE FACTUAL INFORMATION NECESSARY TO DEMONSTRATE CONFORMANCE TO THE REQUIREMENTS REFLECTED ON THE ENGINEERING DRAWING, GOVERNING SPECIFICATION, OR PURCHASE ORDER. THE TEST DATA SHEET(S) SHALL REFLECT THE AEROMATRIX COMPOSITES PURCHASE ORDER NUMBER WHERE APPLICABLE, TITLE, MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER, AND AEROMATRIX COMPOSITES PART NUMBER WHEN APPLICABLE.</p> <p><b>SHIPPING DOCUMENTATION:</b></p> <p>EACH SHIPMENT MUST BE ACCOMPANIED BY A LEGIBLE, UNALTERED COPY OF THE TEST REPORT, UNLESS VERIFIED AND VALIDATED BY AN AEROMATRIX COMPOSITE QUALITY ASSURANCE REPRESENTATIVE AT THE SELLER'S FACILITY.</p>

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15	<b>APPROVED PROCESS REQUIREMENTS</b>	<p>WHEN REQUIRED BY THE PROCESS SPECIFICATION, SPECIAL PROCESSES (I.E., TESTING, HEAT TREAT, NONDESTRUCTIVE TESTING, COATING, PLATING, ETC.) MUST BE PERFORMED BY SOURCES APPROVED BY THE CUSTOMER (PROCESS DOCUMENT OWNER).</p> <p>THE SELLER IS RESPONSIBLE FOR ASSURING THAT THE PROCESSING SOURCE HAS IN THEIR POSSESSION A CURRENT CUSTOMER APPROVAL OF THEIR PROCESSING CAPABILITY FOR THE PROCESSES TO BE PERFORMED PRIOR TO THEIR PERFORMING THE PROCESS.</p> <p><b>SHIPMENT DOCUMENTATION:</b></p> <p>EACH SHIPMENT MUST BE ACCOMPANIED BY A LEGIBLE, UNALTERED COPY OF CERTIFICATION FROM THE PROCESSING SOURCE DEMONSTRATING COMPLIANCE WITH THE SPECIFICATION FOR THE PROCESS PERFORMED, AND THAT THE PROCESSOR WAS APPROVED BY THE CUSTOMER TO PERFORM THE PROCESSES AT THE TIME THE PRODUCT WAS PROCESSED. IF THIS CERTIFICATION IS VERIFIED AND VALIDATED BY THE AEROMATRIX COMPOSITES QUALITY ASSURANCE REPRESENTATIVE AT THE SELLER'S FACILITY, IT MAY BE RETAINED BY THE SELLER.</p>

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16	<b>FIRST ARTICLE INSPECTION, DELTA FIRST ARTICLE INSPECTION, AND FIRST PIECE VALIDATION REQUIRE MENTS</b>	<p><b>FIRST ARTICLE REQUIREMENTS:</b> THE SELLER SHALL PERFORM A FIRST ARTICLE INSPECTION (FAI) ON THE INITIAL PART OR ASSEMBLY BUILT TO PROVIDE VALIDATION OF PROCESSES AND EQUIPMENT USED THROUGHOUT THE PROCESS, AND TO ASSURE CONFORMITY TO ENGINEERING AND PURCHASE ORDER REQUIREMENTS PER AS9102. THE RESULTS OF THE FAI SHALL INDICATE 100 PERCENT CONFORMANCE TO ENGINEERING DRAWING CHARACTERISTICS, SPECIAL PROCESSES, FUNCTIONAL TEST, AND LABORATORY REQUIREMENTS.</p> <p><b>DELTA FIRST ARTICLE REQUIREMENTS:</b> A SUBSEQUENT FAI, OR "DELTA" FAI SHALL BE PERFORMED PER AS9102 UNDER THE FOLLOWING CONDITIONS:</p> <ul style="list-style-type: none"> <li>A) CLASS I ENGINEERING CHANGES (CONFIGURATION CHANGES AFFECTING FIT, FORM AND/OR FUNCTION) REQUIRE A DELTA FAI FOR THOSE CHARACTERISTICS AFFECTED BY THE CHANGE.</li> <li>B) PROCESS CHANGES IN THE METHOD OF MANUFACTURING THAT MAY IMPACT THE FINAL CONFORMITY OF THE PRODUCT (FOR EXAMPLE CHANGES TO EQUIPMENT, CHANGES IN SUB-TIER SUPPLIERS, DIFFERENT MANUFACTURE TECHNIQUES) REQUIRE A DELTA FAI FOR THOSE CHARACTERISTICS AFFECTED BY THE CHANGE.</li> <li>C) IF MAJOR CHANGES ARE MADE IN THE SELLERS OR LOCATION, A NEW FAI SHALL BE PERFORMED IN ACCORDANCE WITH THIS QUALITY REQUIREMENT.</li> <li>D) 2 YEARS SINCE LAST PRODUCTION RUN.</li> </ul> <p>THE RESULTS OF THE DELTA FAI SHALL INDICATE 100 PERCENT CONFORMANCE TO ENGINEERING DRAWING CHARACTERISTICS, SPECIAL PROCESSES, FUNCTIONAL TEST, AND LABORATORY REQUIREMENTS.</p> <p><b>SHIPMENT DOCUMENT:</b></p> <p>A COPY OF THE SELLER'S FAI AND DELTA FAI REPORT SHALL BE SENT WITH EACH INITIAL SHIPMENT OF A PART NUMBER CONFIGURATION TO AEROMATRIX COMPOSITES. FIRST PIECE VALIDATION RESULTS SHALL BE AVAILBLE UPON REQUEST.</p> <p>ALL FIRST ARTICLE PIECES SHALL BE IDENTIFIED AS SUCH IN THE SHIPMENT TO AEROMATRIX COMPOSITES.</p>



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17	<b>REPORT OF PRODUCT DISCREPANCY</b>	<p>ANY DEPARTURE FROM DRAWING SPECIFICATIONS OR OTHER PURCHASE ORDER REQUIREMENTS MUST BE DOCUMENTED BY THE SELLER AND SUBMITTED TO THE AEROMATRIX COMPOSITES BUYER FOR CONSIDERATION AND DISPOSITION. A COPY OF THIS DISPOSITION DOCUMENT <u>MUST</u> ACCOMPANY EACH AFFECTED SHIPMENT.</p> <p>THE SELLER IS RESPONSIBLE FOR NOTIFYING AEROMATRIX WITHIN TWO WORKING DAYS OF IDENTIFYING A QUALITY ESCAPE AFFECTING PRODUCT THAT HAS BEEN SHIPPED TO AEROMATRIX. NOTIFICATION SHALL INCLUDE AT A MINIMUM THE PART NUMBER, DETAILED DESCRIPTION OF THE FAILURE/NONCONFORMANCE, THE NUMBER OF NONCONFORMING PRODUCTS SHIPPED, WHEN THE PRODUCTS WERE SHIPPED, AND CONTAINMENT ACTIONS BEING TAKEN.</p> <p><b>SHIPMENT DOCUMENT:</b></p> <p>COPY OF THE REQUEST FOR DEVIATION OR WAIVER AND AUTHORIZATION TO USE EQUIVALENT ITEMS MUST ACCOMPANY EACH AFFECTED SHIPMENT TO AEROMATRIX COMPOSITES,</p>
18	<b>TRACEABILITY/LOT AND BATCH CONTROL</b>	<p>THE SELLER MUST MAINTAIN LOT AND BATCH CONTROL ON RAW MATERIALS TO ITEMS PURCHASED. THE SELLER MUST PROVIDE POSITIVE TRACEABILITY OF MANUFACTURED PARTS AND ASSEMBLIES TO RAW MATERIALS THROUGH THE USE OF LOT/BATCH OR SERIAL NUMBERS.</p> <p><b>SHIPMENT DOCUMENT:</b></p> <p>SHIPPING DOCUMENTS SHALL IDENTIFY THE LOT/BATCH OR SERIAL NUMBER, AS APPLICABLE, FOR ALL ITEMS IN THE SHIPMENT.</p>
19	<b>BUYER SOURCE INSPECTION</b>	<p>AEROMATRIX COMPOSITES SOURCE INSPECTION IS REQUIRED PRIOR TO SHIPMENT. THE SELLER SHALL NOTIFY THE BUYER FIVE (5) DAYS IN ADVANCE OF THE SCHEDULED INSPECTION DATE. THE SELLER SHALL, UPON REQUEST, PROVIDE A COPY OF THIS PURCHASE ORDER TO THE AEROMATRIX COMPOSITES REPRESENTATIVE SERVING THEIR FACILITY.</p> <p><b>SHIPMENT DOCUMENT:</b></p> <p>EVIDENCE OF AEROMATRIX COMPOSITES' SOURCE INSPECTION (ACCEPTANCE STAMP ON SHIPPING DOCUMENT) MUST ACCOMPANY EACH SHIPMENT OF PRODUCT TO AEROMATRIX COMPOSITES.</p> <p>IN THE EVENT THAT SOURCE INSPECTION BY AEROMATRIX COMPOSITES IS WAIVED, THE SELLER IS TO ENCLOSE A COPY OF THE LETTER OF AUTHORIZATION (ISSUED BY AEROMATRIX COMPOSITES BUYER) WAIVING THE SOURCE INSPECTION REQUIREMENT WITH EACH SHIPMENT.</p>
20	<b>BUYER SURVEILLANCE</b>	<p>WORK UNDER THIS CONTRACT IS SUBJECT TO BUYER SURVEILLANCE AT SELLER'S FACILITY. BUYER'S QUALITY ASSURANCE REPRESENTATIVE MAY ELECT TO CONDUCT INSPECTION EITHER ON A RANDOM BASIS OR TO THE EXTENT OF 100 PERCENT INSPECTION. SELLER WILL BE NOTIFIED IF BUYER INSPECTION IS TO BE CONDUCTED ON SPECIFIC SHIPMENTS. NO SHIPMENTS ARE TO BE HELD FOR BUYER INSPECTION UNLESS NOTIFICATION IS RECEIVED PRIOR TO, OR AT THE TIME OF, THE MATERIAL BEING READY FOR SHIPMENT. RIGHT OF ACCESS TO ALL FACILITIES INVOLVED IN THE ORDER AND TO ALL APPLICABLE RECORDS WILL BE GRANTED TO BUYER. SUPPLIER'S SUBTIER SUPPLIERS ARE ALSO SUBJECT TO THIS SURVEILLANCE.</p>

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21	<b>CUSTOMER/GOVERNMENT SURVEILLANCE</b>	DURING PERFORMANCE ON THIS CONTRACT, SELLERS QUALITY PROGRAM OR INSPECTION SYSTEM, AND MANUFACTURING PROCESSES ARE SUBJECT TO REVIEW, VERIFICATION, AND ANALYSIS BY AUTHORIZED CUSTOMER/GOVERNMENT REPRESENTATIVES. CUSTOMER/GOVERNMENT INSPECTION OR RELEASE OF PRODUCT PRIOR TO SHIPMENT IS NOT REQUIRED, UNLESS SELLER IS OTHERWISE NOTIFIED. RIGHT OF ACCESS TO ALL FACILITIES INVOLVED IN THE ORDER AND TO ALL APPLICABLE RECORDS WILL BE GRANTED TO BUYER'S CUSTOMER AND REGULATORY AUTHORITIES. SUPPLIER'S SUBTIER SUPPLIERS ARE ALSO SUBJECT TO THIS SURVEILLANCE.
22	<b>NON-DESTRUCTIVE (NDT/NDI) CERTIFICATION</b>	THE SUPPLIER SHALL FURNISH WITH EACH SHIPMENT, AND AFFIXED TO THE PRODUCT/MATERIAL, A COPY OF THE NDT/NDI CERTIFICATION FOR MATERIALS REQUIRING ANY OF THE FOLLOWING NON-DESTRUCTIVE TESTS/INSPECTIONS (SEE P.O. FOR NDT/NDI REQUIREMENTS):  1) PENETRANT      2) MAGNETIC PARTICLE      3) ULTRASONIC      4) RADIOGRAPHIC      5) EDDY CURRENT
23	<b>PLAN OF INSPECTION</b>	A DETAILED LISTING OF ALL INSPECTION POINTS AND INSPECTION/TEST EQUIPMENT TO BE USED IS REQUIRED. THE COMPLETED PLAN SHALL BE REVIEWED AND/OR APPROVED BY THE APPROPRIATE PERSONNEL IN SELLER'S ENGINEERING, AND IN PRODUCTION PLANNING AND CONTROL TO VERIFY THE PLAN'S COMPATIBILITY WITH THE SELLER'S MANUFACTURING AND TEST PLANS. A COPY OF THE PLAN OF INSPECTION IS TO BE SUBMITTED TO AEROMATRIX COMPOSITES QUALITY ASSURANCE MANAGER FOR REVIEW/APPROVAL PRIOR TO THE START OF PRODUCTION. THIS DOCUMENT IS TO BE SUBMITTED THROUGH THE APPROPRIATE AEROMATRIX COMPOSITES BUYER.
24	<b>WORKMANSHIP</b>	THE PRODUCT SHALL BE UNIFORM IN QUALITY AND CONDITION, SOUND, AND FREE FROM FOREIGN MATERIALS AND FROM IMPERFECTIONS DETRIMENTAL TO THE USAGE OF THE PRODUCT.
25	<b>PROCESS APPROVALS</b>	PROCESSES, CONTROL FACTORS, OR PRE-PRODUCTION SAMPLES, OR ANY COMBINATION THEREOF SPECIFIED, SHALL BE APPROVED BY AEROMATRIX COMPOSITES ENGINEERING, UNLESS THEY ARE SPECIFICALLY WAIVED IN WRITING, BEFORE PRODUCTION PARTS ARE SUPPLIED.
26	<b>CHANGE APPROVALS</b>	THE SUPPLIER SHALL MAKE NO CHANGES TO MATERIALS, PROCESSES, SUPPLIERS OR CONTROL FACTORS FROM THOSE OF WHICH APPROVAL WAS BASED, UNLESS THE CHANGES ARE APPROVED BY AEROMATRIX COMPOSITES ENGINEERING. A SIGNIFICANT CHANGE IS ONE WHICH, IN THE JUDGEMENT OF AEROMATRIX COMPOSITES ENGINEERING, COULD AFFECT THE PROPERTIES, QUALITY, DURABILITY OR PERFORMANCE, OR COULD AFFECT SUBSEQUENT PROCESSING OF THE PART OR COMPONENT. THE SUPPLIER MUST NOTIFY AEROMATRIX COMPOSITES QUALITY ASSURANCE OF CHANGES IN PRODUCT AND/OR PROCESS DEFINITION, AND WHERE REQUIRED, OBTAIN BUYER APPROVAL.
27	<b>TESTING</b>	THE SUPPLIER SHALL BE RESPONSIBLE FOR PERFORMING ALL REQUIRED TESTS UNLESS OTHERWISE SPECIFIED BY AEROMATRIX COMPOSITES IN WRITING. AEROMATRIX COMPOSITES RESERVES THE RIGHT TO SAMPLE AND PERFORM ANY CONFIRMATORY TESTING DEEMED NECESSARY TO ENSURE THAT THE PRODUCT CONFORMS TO THE REQUIREMENTS ESTABLISHED BY AEROMATRIX.
28	<b>REJECTIONS</b>	PARTS OR COMPONENTS WHICH DO NOT CONFORM TO ALL APPLICABLE DRAWINGS, SPECIFICATIONS, AEROMATRIX COMPOSITES DOCUMENTS, OR MODIFICATIONS AUTHORIZED BY AEROMATRIX COMPOSITES ENGINEERING WILL BE SUBJECT TO REJECTION.

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CODE	TITLE	REQUIREMENT
29	<b>RECORD AND DATA RETENTION</b>	ALL RECORDS REQUIRED TO BE GENERATED BY THE PURCHASE ORDER, CONTRACT OR ANY OTHER PURCHASER SPECIFICATIONS MUST BE RETAINED BY THE SUBCONTRACTOR OR SUPPLIER FOR A MINIMUM OF <b>10</b> YEARS FROM THE DATE OF ACCEPTANCE BY AEROMATRIX COMPOSITES. UNLESS NOTIFIED PRIOR TO THAT TIME THE SUBCONTRACTOR OR SUPPLIER SHALL CONTACT AEROMATRIX COMPOSITES FOR DISPOSITION ACTION TO BE TAKEN AT THE END OF THE <b>10</b> YEAR PERIOD. ALL RECORDS REGARDING THE ITEMS PURCHASED BY AEROMATRIX COMPOSITES ON THIS PURCHASE ORDER MUST BE MAINTAINED IN THE ENGLISH LANGUAGE.
30	<b>GOVERNING DOCUMENT HIERARCHY</b>	THE PRECEDENCE OF THE SPECIFICATIONS AND REQUIREMENTS PERTAINING TO THE ITEMS CONTAINED IN THE AEROMATRIX COMPOSITES PURCHASE ORDER IS: 1. PURCHASE ORDER/AMENDED PURCHASE ORDER 2. ENGINEERING REQUIREMENTS 3. ENGINEERING DRAWING 4. AEROMATRIX SPECIFICATIONS 5. NATIONAL STANDARD SPECIFICATIONS. UNLESS OTHERWISE NOTED ON THE PURCHASE ORDER (PO), ALL INDUSTRY STANDARDS AND SPECIFICATIONS ARE TO BE EXECUTED TO THE MOST CURRENT REVISION.
31	<b>FLOW DOWN TO SUB-TIER SUPPLIERS</b>	THE SUPPLIER IS REQUIRED TO FLOW DOWN TO SUB-TIER SUPPLIERS THE APPLICABLE REQUIREMENTS IN THE PURCHASING DOCUMENTS, INCLUDING KEY CHARACTERISTICS WHERE REQUIRED, AS WELL AS CONTRACTURAL AND DATA RETENTION REQUIREMENTS.
32	<b>FOREIGN OBJECT DAMAGE</b>	SELLER SHALL ENSURE WORK IS ACCOMPLISHED IN A MANNER PREVENTING FOREIGN OBJECTS OR MATERIAL IN DELIVERABLE ITEMS. SELLER SHALL DOCUMENT AND INVESTIGATE EACH FOD INCIDENT AND ENSURE ELIMINATION OF THE ROOT CAUSE OF EACH SUCH INCIDENT.
33	<b>ISO 17025 ACCREDITATION, CERTIFICATION, NIST TRACEABILITY</b>	SUPPLIERS PROVIDING CALIBRATION SERVICES SHALL BE ACCREDITED TO ISO 17025. THE CALIBRATION SERVICE SUPPLIER SHALL PROVIDE A CERTIFICATE OF CALIBRATION FOR EACH ITEM CALIBRATED. THE CERTIFICATE MUST INCLUDE THE DATE OF CALIBRATION, READINGS "AS-RECEIVED" AND "AFTER ADJUSTMENT" IF APPLICABLE, CALIBRATION DUE DATE, MODEL AND SERIAL NUMBER OF THE EQUIPMENT USED IN THE CALIBRATION AND A STATEMENT THAT ALL EQUIPMENT/STANDARDS USED ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST) OR OTHER RECOGNIZED INTERNATIONAL STANDARD.
34	<b>DIGITAL PRODUCT DEFINITION (DPD) REQUIREMENTS</b>	THE SUPPLIER MUST MEET THE MINIMUM REQUIREMENTS OF AEROMATRIX PD-017 WHICH COVERS THE REQUIREMENTS FOR DIGITAL PRODUCT DEFINITION (DPD) CONTROL AND MANAGEMENT. THIS INCLUDES PERFORMING SELF-ASSESSMENTS TO THE DPD REQUIREMENTS AS WELL AS AUDITS BY AEROMATRIX OR AEROMATRIX CUSTOMER PERSONNEL AT PRE-ARRANGED INTERVALS. CHANGES TO ANY DPD RELATED PROCESS MUST BE COMMUNICATED WITHIN 30 DAYS, AND ANNUAL NOTIFICATION BY THE SUPPLIER TO AEROMATRIX OF CONTINUING DPD COMPLIANCE STATUS IS REQUIRED. PD017 IS AVAILABLE UPON REQUEST.
35	<b>FIRST PIECE VALIDATION</b>	THE FIRST PIECE OF EACH LOT AT THE DETAIL, SUBASSEMBLY AND/OR ASSEMBLY LEVEL, SHALL BE INSPECTED TO ENSURE LOT CONFORMITY. THE INSPECTION SHALL INCLUDE ALL CHARACTERISTICS APPLICABLE AT THE LEVEL OF PRODUCT REALIZATION OR INCLUDED IN THE PRODUCTION INSPECTION PLAN INCLUDING KEY CHARACTERISTICS WHERE APPLICABLE.
36	<b>USE OF NET-INSPECT REQUIRED</b>	FIRST ARTICLE, FIRST PIECE, AND REQUIRED INSPECTION RESULTS AND REPORTS MUST BE SUBMITTED THROUGH NET-INSPECT. IT IS THE SUPPLIER'S RESPONSIBILITY TO ENSURE THAT DATA PROVIDED THROUGH NET-INSPECT IS CORRECT AND COMPLETE. TRAINING ON NET-INSPECT IS AVAILABLE UPON REQUEST AND WILL BE SCHEDULED BY AEROMATRIX.

# QUALITY CLAUSE CODES

CODE	TITLE	REQUIREMENT
37	<b>APPROVAL TO SHIP AUTHORIZATION REQUIRED</b>	SUPPLIER IS REQUIRED TO HOLD PRODUCT PENDING REVIEW AND APPROVAL OF FIRST ARTICLE INSPECTION REPORT OR FIRST PART VALIDATION OF EACH SHIPMENT PER AEROMATRIX QA-WI-058, APPROVAL TO SHIP PRODUCT OR TOOLING.
38	<b>DIRECT SHIP TO CUSTOMER AUTHORIZATION REQUIRED</b>	SUPPLIER IS REQUIRED TO BE APPROVED FOR DIRECT SHIPMENT OF PRODUCT TO CUSTOMER PER REQUIREMENTS OF AEROMATRIX PD-011, SUPPLIER DIRECT SHIP AUTHORIZATION.
39	<b>BDS SPECIAL TOOLING REQUIREMENTS</b>	SUPPLIER IS REQUIRED TO COMPLY WITH THE REQUIREMENTS OF BOEING DOCUMENT D950-11059-1, "BDS SELLER SPECIAL TOOLING REQUIREMENTS".