

**Summary of Changes**  
**095871 Contracts Deliverable Requirements (CDR)**  
**Rev 21**

This serves as notification that our BAE Systems Contracts Deliverable Requirements (CDR) has been updated. Please note that the changes below are listed with the older version first, then the new revision below it, unless otherwise noted. Please see the following changes/additions/deletions:

Legend:

- Addition
- Change
- Deletion

### **Preface:**

ALL the CDRs in this manual (outside of the CDRs in table A below) SHALL have documentation submitted and approved prior to shipment of the item (s) in accordance with the data submission instructions located in the Supplier Quality Assurance Manual (SQAM) paragraph 8.12 **for this item**.

### **The following are new CDRs:**

#### **090 Lot Homogeneity**

A lot SHALL be defined as a homogeneous collection of production units. Homogeneity SHALL be considered to exist, provided a given lot has been produced by one manufacturer, in one unchanged process, using the same materials and methods, in accordance with the same drawings, same drawing revisions, same specifications, and same specification revisions. All product units in a lot shall be in accordance with the specification and shall comply with the homogeneity criteria specified herein, regardless of the type of inspection procedure applied to determine conformance with the following requirements:

- The lot SHALL be a single production run as defined by the purchasing agreement line item quantity.
  - The Supplier SHALL deliver a Certificate of Conformance (CoC) stating homogeneity exists to include:
    - Supplier's name and address
    - BAE Systems' Purchasing Agreement number and line number
    - BAE Systems' item number, description, and revision as specified on the Purchasing Agreement
    - Unique Item Identifier, i.e., date codes, lot codes, heat codes, serializations, unique item identifiers, or batch identifications as applicable.
    - Quantity
    - Signature, printed name, and title of signer (electronic or digital signatures are acceptable)
    - Date
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## 091 HVP Lot Sampling Method

- Key characteristics, as defined by AFH100604, shall be 100% inspected unless Ppk > 1.6. If a key characteristic process is achieving a Ppk > 1.6, as demonstrated by the Supplier through statistical evidence and approved by BAE Systems, then section (ii) shall apply to that key characteristic for the duration that level of process control is maintained.
  - All other characteristics shall be a minimum general inspection level II using a c=0 (accept =0, reject =1) single sample plan for normal inspection and AQL of 0.15 for the lot in accordance with ANSI/ASQ Z1.4-2003. The alternate is a Level IV attribute sampling plan in accordance with MIL-STD-1916.
  - It is ultimately the Supplier's responsibility, based on their production process, to adopt appropriate verification levels for each characteristic to ensure product compliance, but shall not be less than the assigned minimums.
  - Supplier SHALL deliver documentation showing sampling methods that identify the inspected lot size meets the required quantity.
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## 092 Ammunition Data Card (ADC)

The Supplier SHALL submit an ADC with each delivery utilizing DD-FORM-1650.

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## 092A As-Built Configuration List (ABCL)

The Supplier SHALL submit an as-built configuration data list (ABCL) with each completed part or assembly at the time of shipment.

The file name of the ABCL for each part or assembly in a lot SHALL be identified by part number, revision letter/number, and serial number. The ABCL SHALL be in an electronic media matrix/spreadsheet format, listing all parts and including the following information for the following part in the assembly:

- Indentured Level
  - Part Number
  - Part Revision
  - Part Name
  - Serial / Lot Number (as applicable)
  - Quantity
  - As Built drawing revision letter
  - Related Engineering Order number
  - Authorized Material Review Board (MRB) dispositions (Ex. VIR, NC, etc.)
  - Manufacturer
  - Date of Manufacture
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## 004A Test Readiness Review (TRR)

TRR is required for this part and is conducted to increase the probability of success during 'formal' testing. The review ensures the maturity of the test article (s), the test documentation and the test

environment prior to initiating formal testing. The TRR verifies, from a test perspective, that the proper level of preparation is complete, the required coordination has been completed and that the resources are adequately planned to support the test objectives. Supplier is responsible for coordinating TRR with BAE Systems and as required BAE Systems will include the US Government. Advanced notification of 15 days is expected to coordinate review. The review may be held virtually or at the Supplier's facility. **All data submissions shall be per SQAM 8.12 Data Submission Instructions.**

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## 012 Flammability

A flammability certification to the specification noted on the drawing from the original material manufacturer or a flammability test report from a BAE Systems approved facility is required. **This requirement is only applicable to Phoenix parts.**

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## 017 Paint Certification

The Supplier SHALL provide a copy of the written certification documenting that painting was performed in accordance with all Purchasing Agreements, drawing, and specification requirements prior to product shipment. The facility performing the painting SHALL prepare the certification, which SHALL include:

- Name and address of the finisher
- Part number and revision
- BAE Systems Purchasing Agreement number
- List of specifications and their revisions used in the processing of the paint
- Dry film paint thickness of a sample of actual parts for the primer and top coat
- Salt spray evidence as required per specification
- Adhesion testing evidence as required per specification
- Material lot/batch number (s)
- Material expiration date (s)
- Printed name, signature, and title of Supplier's representative
- Certification date

All test and inspection documentation SHALL be available for BAE Systems' review upon request.

**Documentation submittal is required for Anniston Spares and for all non-approved paint resources.**

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## 018 Physical and Chemical Test Reports

The Supplier SHALL provide the raw material certification including all actual chemical, mechanical, and physical test results required by the TDP for the material or finished product shipped under this Purchasing Agreement with traceability to the original mill/manufacturer, heat lot, and country of origin. For material subject to the SQAM paragraph 6.6 Traceability of Specialty Metals, evidence of compliance SHALL be included. Certificate is required to state affirmation/compliance to DFARS **252.225-7008 and 252.225-7009. Material certifications supporting components within an assembly SHALL be labeled with the component part number or identifier it correlates to.**

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## 022A Material Traceability – Weapon Systems – VPM

- Part markings should include a minimum of the following:
  - o MFR name (Symbol) and cage code, material traceability serial number and heat number (EB Unique Number – Mill SN for plate,
  - o EB/OEM SN for forgings/castings, lot number(Bar), MIC NO (CU-NI, AL-BZ PLATE, BAR STOCK),
  - o Material Specification (EX) HY-80, DELRIN-150, FORGING/PLATE SPEC),
  - o Material Inspection Markings (VT, MT, RT, UT), EB Drw No- Item No/Revision from the BAE Systems provided-Discrete Dwg Numbers page, BAE Systems material tracking number provided on raw material,
  - o Hull Code ID

## 022A Material Traceability – Weapon Systems – VPM Tubes

- Part markings should include a minimum of the following:
  - o MFR name (Symbol) and cage code, material traceability serial number and heat number (EB Unique Number – Mill SN for plate
  - o EB/OEM SN for forgings/castings, lot number (Bar), MIC NO (CU-NI, AL-BZ PLATE, BAR STOCK), =
  - o Material Specification (EX) HY-80, DELRIN-150, FORGING/PLATE SPEC),
  - o Material Inspection Markings (VT, MT, RT, UT), EB Drawing NO- Item No/Revision from the BAE Systems provided-discrete dwg numbers page, BAE Systems material tracking number provided on raw material
  - o Hull Code ID

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## 022B Material Traceability – Weapon Systems – Submarine Box Parts

For Legacy Weapon Systems, submarine programs, the following requirements apply:

- Supplier SHALL comply with all provisions of sow EB5638, EB2678, EB5612 and EB6075.
- Material verification SHALL be accomplished upon receipt and prior to delivery.
- Photographic evidence of product condition as received and as shipped MUST be provided.
- Prior to delivery, a completed workbook, **submarine box parts, CDR 022B; quality requirement matrix** must be submitted as per below:
  - o MFR name (Symbol) and cage code, material traceability serial number and heat number (EB Unique Number – Mill SN for plate
  - o EB/OEM SN for forgings/castings, lot number (Bar), MIC NO (CU-NI, AL-BZ PLATE, BAR STOCK)
  - o Material specification (EX) HY-80, DELRIN-150, FORGING/PLATE SPEC)
  - o Material inspection markings (VT, MT, RT, UT), EB drw no- item no/revision from the BAE Systems provided - discrete dwg numbers page BAE Systems material tracking number provided on raw material

## 030E High Strength Fasteners (HSF) for Naval Products

THIS IS A HIGH STRENGTH FASTENER. ALL HIGH STRENGTH FASTENERS (HSF) OF THIS TYPE ARE REQUIRED TO MEET THE FOLLOWING REQUIREMENTS: ANY OF THE HSF ITEMS NOT MEETING THE BELOW REQUIREMENTS IS CAUSE FOR REJECTION, WITHOUT EXCEPTION.

This item is a high-strength fastener. All high-strength fasteners (HSF) of this type must meet the following requirements: ([Failure to meet these requirements will result in rejection, without exception](#)).

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## 032 Ballistic Requirements-Transparent Armor

Ballistic sample submission process for York purchased material tested at BAE Systems San Jose:

- The Supplier SHALL request BAE Systems source inspection prior to shipping the samples for ballistic testing.
  - o The Supplier SHALL submit Form 092245 Source Inspection Request/Approval Form as required by CDR005 per the data submission instructions on Form 092245.
  - o Forms are available on the *Purchasing* website listed in the PO text.

The ballistic sample submission process for York purchased material is tested at BAE Systems, San Jose:

- The Supplier SHALL request BAE Systems source inspection prior to shipping the samples for ballistic testing, with the following requirements:
    - o The Supplier SHALL submit Form 092245 Source Inspection Request/Approval form as required by CDR005 per the data submission instructions on form 092245.
    - o Forms are available on the [Supplier](#) website listed in the PO text.
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## 034 Ballistic Requirements- Metal and Composite Materials

(Last paragraph)

DEFINITION:

Lot SHALL mean “inspection lot” or “inspection batch” of parts of the same material, the same thickness and processed continuously under one procedure. Example – Supplier A cuts 10 Part Numbers, with different quantities, all from the same thickness of high hardness armor. If they are processed (cut) in a constant continuous process, then the collection of parts can be inspected as one lot.

DEFINITION:

Lot SHALL mean “inspection lot” or “inspection batch” of parts of the same material, the same thickness and processed continuously under one procedure.

Example – Supplier A cuts 10 Part Numbers, with different quantities, all from the same thickness of high hardness armor. If they are processed (cut) in a constant continuous process, then the collection of parts can be inspected as one lot. **Material certifications supporting components within an assembly SHALL be labeled with the component part number or identifier it correlates to.**

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The following have been removed from the CDR Manual:

**066 Anniston CAGE Code-Aftermarket Spares**

The CAGE code to be marked on this part is 076M6.

**067 Anniston CAGE Code-Forge Facility**

The CAGE code to be marked on this part is 05386.

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**086 Counterfeit Material Program**

*This requirement is applicable to Phoenix for hardware and electronic purchases and to Combat Vehicles for electronic purchases, only.* Prior to first product delivery, the Supplier is required to submit and gain approval by BAE Systems Procurement, documentation confirming the traceability of parts must be delivered where produced by the Original Equipment/Component Manufacturer or sourced directly from an authorized distributor. Parts from sources other than the OEM/OCM or authorized distributor will require submission and approval, by BAE Systems Procurement, of CoC, certificates of origin and/or performance test reports. With every delivery, the Supplier is required to provide a certificate of authenticity stating compliance with sourcing from OEM/OCM, authorized distributor or a BAE Systems pre-approved Supplier.

Prior to first product delivery, the Supplier is required to submit and gain approval by BAE Systems Procurement, documentation confirming the traceability of parts must be delivered where produced by the Original Equipment/Component Manufacturer or sourced directly from an authorized distributor. Parts from sources other than the OEM/OCM or authorized distributor will require submission and approval, by BAE Systems Procurement, of CoC, certificates of origin and/or performance test reports. With every delivery, the Supplier is required to provide a certificate of authenticity stating compliance with sourcing from OEM/OCM, authorized distributor or a BAE Systems pre-approved Supplier. This requirement is applicable to Phoenix for hardware and electronic purchases and to [CMS](#) for electronic purchases only.

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