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5	DLA MASTER LIST
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7	TECHNICAL AND QUALITY
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9	REQUIREMENTS
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11	Version 1
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13	September 2016
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20	HQ Defense Logistics Agency
21	Technical and Quality Assurance Division

TABLE OF CONTENTS

23	
24 I. TEC	HNICAL AND QUALITY ASSURANCE REQUIREMENTS
25	
26 RP001:	DLA PACKAGING REQUIREMENTS FOR PROCUREMENT4
27	
28 IP025:	PACKAGING, MARKING, AND SHIPPING OF HAZARDOUS MATERIALS6
29	
30 IP027:	PACKING AND MARKING REQUIREMENTS FEDERAL STOCK CLASS 5961
31	SEMICONDUCTORS AND HARDWARE DEVICES AND FSC 5962
32	ELECTRONIC MICROCIRCUITS7
33	
34 RC001:	DOCUMENTATION REQUIREMENTS FOR SOURCE APPROVAL REQUEST (SAR)8
35	
36 RD001:	DEMILITARIZATION: SMALL ARM WEAPONS AND PARTS AND ACCESSORIES
37	(CATEGORY I – MUNITIONS LIST ITEMS, CATEGORY. I–DODM 4160.28- VOL 3)9
38	
39 RQ001:	HIGHER LEVEL CONTRACT QUALITY REQUIREMENTS (MANUFACTURERS AND
40	NON-MANUFACTURERS)
41	
42 RQ002:	CONFIGURATION CHANGE MANAGEMENT - ENGINEERING CHANGE
43	PROPOSAL REQUEST FOR VARIANCE (DEVIATION OR WAVIER)12
44	
45 RQ003:	CONFIGURATION CHANGE MANAGEMENT FOR EDGEWOOD FOR
46	CHEMICAL, BIOLOGICAL CENTER MATERIALS - ENGINEERING CHANGE
47	PROPOSAL REQUEST FOR VARIANCE (DEVIATION OR WAVIER)13
48	
49 RQ004:	FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT (FIFRA)14
50	
51 RQ005:	LENGTHS, TICKETS, PACKAGING, MARKING OF CUTS OR PIECES – DLA TROOP
52	SUPPORT, CLOTHING AND TEXTILES (C&T)
53	
54 RQ006:	QUALITY CONFORMANCE INSPECTION REQUIREMENTS
55	
56 RQ007:	QUALIFIED MANUFACTURERS LIST (QML) INTEGRATED CIRCUITS, HYBRID
57	MICROCIRCUITS, AND SEMICONDUCTOR DEVICES – DLA MARITIME21
58	
59 RQ008:	WARRANTY OF INDUSTRIAL PLANT EQUIPMENT (IPE) FEDERAL SUPPLY
60	GROUP (FSG) 34
61	

62	RQ009:	INSPECTION AND ACCEPTANCE AT ORIGIN24
63		
64	RQ010:	DATA NAME PLATES25
65		
	-	REMOVAL OF GOVERNMENT IDENTIFICATION FROM NON-ACCEPTED
67		SUPPLIES
68		
	_	QUALIFIED PRODUCTS LIST (QPL) CONNECTOR ASSEMBLIES AND QPL
70 71		ELECTRICAL CONTACTS
	RO013	QUALIFIED SUPPLIERS LIST OF MANUFACTURERS (QSLM) FOR GUN PARTS28
73	-	QUALITIED SOTT EIERS EIST OF WAIVELACTORERS (QSEW) FOR GOLVI ARTS20
-		QUALIFIED SUPPLIERS LIST OF DISTRIBUTORS (QSLD) AND QUALIFIED
75		TESTING SUPPLIERS LIST (QTSL) FOR FEDERAL SUPPLY CLASS (FSC) 5961
76		SEMICONDUCTORS AND HARDWARE DEVICES AND FSC 5962 ELECTRONIC
77		MICROCIRCUITS29
78		OHALIEJED CLIDDLIEDC LICT FOR MANUFACTUREDC (OCLAN/OHALIEJED
79 80	-	QUALIFIED SUPPLIERS LIST FOR MANUFACTURERS (QSLM)/QUALIFIED SUPPLIERS LIST FOR DISTRIBUTORS FOR TROOP SUPPORT
81		SUPPLIERS LIST FOR DISTRIBUTORS FOR TROOP SUPPORT
_	RO016:	COMPONENT QUALIFIED PRODUCTS LISTS (QPL)/QUALFIED
83	-	MANUFACTURERS LISTS (QML)
84		
	_	PHYSICAL IDENTIFCATION/BARE ITEM MARKING32
86		
	_	CONTRACTOR RETENTION OF SUPPLY CHAIN TRACEABILITY
88 89		DOCUMENTATION (AUG 2016)33
		MEASURING AND TEST EQUIPMENT34
91	K1001.	WEASONING AND TEST EQUI MENT
	II. CON	NTRACT DATA REQUIREMENTS LIST
93	CERTIF	TICATE OF QUALITY COMPLIANCE AND TEST REPORT(S)
Q/I	СОММ	ERICAL MANUALS FOR NAVAL SHIPBOARDClick Here
<i>)</i> +	COMM	ERICAL MANUALS FOR NAVAL SIIII DOARDCIICK HEIC
95	PRODU	CT CERTIFICATION AND TEST REPORT(S)

RP001: DLA PACKAGING REQUIREMENTS FOR PROCUREMENT

(1) Additional Packaging and Marking Requirements:

- (a) Prohibited cushioning and wrapping materials: Use of asbestos, excelsior, newspaper, shredded paper (all types, including wax paper and computer paper), and similar hygroscopic or non-neutral materials and all types of loose-fill materials, including polystyrene, is prohibited for application such as cushioning, fill, stuffing, and dunnage. In addition, the use of yellow wrapping or packaging material is prohibited except where used for the containment of radioactive material.
- (b) MIL-STD-129 establishes requirements for contractors that ship packaged materiel to the Government to provide both linear bar codes and two-dimensional (2D) symbols on shipping labels. Shipping labels with 2D symbols are referred to as Military Shipping Labels (MSL) and are required on all CONUS and OCONUS shipments with the following exceptions:
 - (1) Subsistence items procured through full-line food distributors (prime contractors), "market ready" type items shipped within the Continental United States (CONUS) to customers within CONUS;
 - (2) Any item for which ownership remains with the contractor until the item is placed in designated locations at the customer location prior to issuance to the customer. Government control begins upon placement of the item by the contractor into the designated location or issuance from the designated location by contractor personnel (i.e., the contractor is required to stock bins at the customer location and/or issue parts from a contractor controlled parts room).
 - (3) Bulk petroleum, oil and lubricant products delivered by pipeline; or tank car, tanker and tank trailer for which the container has a capacity greater than 450 L (119 gallons) as a receptacle for a liquid; a maximum net mass greater than 400 kg (882 pounds) and a capacity greater than 450 L (119 gallons) as a receptacle for a solid; or a water capacity greater than 454 kg (1000 pounds) as a receptacle for a gas.
 - (4) Medical items procured through Customer Direct suppliers or prime contractors that do not enter the Defense Transportation System.
 - (5) Delivery orders when the basic contract has not been modified to require MIL-STD-129.
- (c) MIL-STD-129 provides numerous illustrations of what should be bar-coded and the recommended placement of the bar code. Further information is available on the DLA Packaging Web Site at:
- 135 http://www.dla.mil/LandandMaritime/Offers/Services/TechnicalSupport/Logistics/Packaging.aspx .
 136
- 137 (2) Requirements for Treatment of Wood Packaging Material (WPM)
- 138 (a) Assets packed in or on wood pallets, skids, load boards, pallet collars, wood boxes, reels, dunnage, crates, frames, and cleats must comply with the Heat Treatment (HT) or Heat
- 140 Treatment/Kiln Dried (HT/KD) (continuous at 56 degrees Centigrade for 30 minutes) standard in

141	Dod Manual 4140.65-M Compliance for Defense Packaging: Phytosanitary Requirements for wood
142	Packaging Material (WPM)". WPM must be stamped or branded with the appropriate certification
143	markings as detailed in DOD 4140.65-M and be certified by an accredited American Lumber
144	Standards Committee (ALSC)-recognized agency. The WPM certification markings must be easily
145	visible, especially in pallet loads, to inspectors.
146	
147	(3) Palletization shall be in accordance with MD00100452, REVISION C, DATED 09/2016
148	found at
149	http://www.dla.mil/LandandMaritime/Offers/Services/TechnicalSupport/Logistics/Packaging/Palletiz
150	ation.aspx
151	
152	
153	
154	(End of TQ Requirement)
155	

IP025: PACKAGING, MARKING, AND SHIPPING OF HAZARDOUS MATERIALS

- 158 1. Packaging and marking for hazardous materials shall comply with applicable requirements including
- Performance Oriented Packaging (POP) contained in the International Air Transport Association
- 160 (IATA) Dangerous Goods Regulations, AFMAN 24-204/DLAI 4145.3, Preparing Hazardous Materials
- for Military Air Shipment or the International Maritime Dangerous Goods Code (IMDG) and with Code of Federal Regulations (CFR) Title 29, Title 40 and Title 49.

2. All performance test requirements shall be supported by certificates and reports attesting to the date and the results obtained from performance oriented packaging testing. The contractor, if not a self-certifier, shall be responsible for assuring that third party sources providing performance testing services are, in fact, registered with the Department of Transportation.

3. The contractor's signed certification that the packaged configuration meets DOT, IATA or IMDG requirements shall be incorporated on the DD Form 250, Material Inspection and Receiving Report, and other related acceptance document if the DD Form 250 is not used. Ensure the Shipper's Declaration for Dangerous Goods (SDDG) is included for all air shipments in accordance with IATA and/or AFMAN 24-204/DLAI 4145.3, Preparing Hazardous Materials for Military Air Shipment. All certificates and reports (including training records) shall be available for inspection by authorized Government representatives for a period of three years.

4. Shipment to a military aerial port or through a military container consolidation point to include, but not limited to those DOD Activity Address Codes (DODAAC) listed below, for onward movement to an OCONUS customer shall comply with AFMAN 24-204/DLAI 4145.3, Preparing Hazardous Materials for Military Air Shipment. Publication is available at: http://static.e-publishing.af.mil/production/1/af_a4_7/publication/afman24-204_ip/afman24-204_ip.pdf

183	SW3225 – CCP (Tracy, CA)	FB4427 – Travis AFB
184	SW3123 – CCP (New Cumberland, PA)	FB4497 – Dover AFB
185	SW3142 – Yokosuka, Japan	FB4418 – Charleston AFB
186	N45627 – Norfolk NAS Terminal	FB4484 – McGuire AFB
187	FB4479 – McChord, WA	

5. Shipment by a commercial air carrier for onward movement to an OCONUS customer, packaging and certification shall comply with the International Air Transport Association (IATA) Dangerous Goods Regulations International.

6. Shipment to a water port for onward movement via vessel, packaging and documentation shall comply with the IMDG, International Maritime Dangerous Goods Code.

- 7. Training and certification for preparing DOD shipments by any mode of transport may be obtained by contacting the DOT/Technical Safety Institute at: Transportation Safety Institute, 6500 South
- 198 MacArthur Blvd, Oklahoma City, OK 73169-6900, Commercial: (405) 954-4500, Web address:

199 www.tsi.dot.gov

200 (End of TQ Requirement)

201	IP027: PACKING AND MARKING REQUIREMENTS FEDERAL STOCK CLASS 5961
202	SEMICONDUCTORS AND HARDWARE DEVICES AND FSC 5962
203	ELECTRONIC MICROCIRCUITS
204	
205	(1) In addition to MIL STD-129 packaging requirements, the following also applies:
206	
207	(a) Special marking as required under the applicable Military Specification [e.g. MIL-PRF-
208	19500 (Semiconductors), or MIL-PRF-38535 (Microcircuits)] referenced in the contract.
209	
210	(b) Semiconductor devices and microcircuits not procured under a military specification shall be
211	marked in accordance with MIL-STD-129 for additional markings of unit package and include:
212	
213	(i) Identification number
214	(ii) Manufacturer's identification
215	(iii) Manufacturer's date code
216	
217	(End of TQ Requirement)
218	
219	

220	RC001: DOCUMENTATION REQUIREMENTS FOR SOURCE APPROVAL REQUEST (SAR)
221	
222	(1) If an item other than what is cited in the Purchase Item Description (PID) specified in the solicitation
223	is offered under the provisions of DLA Procurement Notes "L04 Offers for part numbered Items" or
224	"M06 Evaluation of Offers for Part Numbered Items" then additional documentation requirements are
225	needed to evaluate that the offered items meet the requirements for Critical Application Item (CAI)
226	and/or Critical Safety Items (CSI) specified in the PID.
227	
228	(2) The mandatory requirements to submit a SAR for CATEGORY I - III critical parts can be found
229	on the applicable DLA Office of Small Business Programs web site. To find the applicable DLA Office
230	of Small Business Program, go to http://www.dla.mil/HQ/SmallBusiness.aspx and select the applicable
231	Primary Level Field Activity (PLFA - Troop Support, Aviation, or Land and Maritime), than look for
232	information on SAR.
233	
234	(3) The offeror shall determine which category applies (see below). The specific documentation for that
235	category, as well the documentation specified in paragraph 3 shall be submitted in support of the
236	manufacturing process.
237	(a) CATECORY Is Manufacturer of the same item for the Original Equipment Manufacturer (OEM)
238239	(a) CATEGORY I: Manufacturer of the same item for the Original Equipment Manufacturer (OEM), or for the Department of Defense (DOD).
240	of for the Department of Defense (DOD).
240	(b) CATEGORY II: Manufacturer of a similar item for the OEM or DOD. A similar item is defined
242	as an item whose design, application, operating parameters, material, and manufacturing processes
243	are similar to those of the item for which source approval is sought.
244	are similar to those of the item for which source approval is sought.
245	(c) CATEGORY III: New manufacturer. The exact or similar item has not been previously provided
246	to the OEM or DOD.
247	
248	(4) SAR documentation requirements are also required for all non-critical parts:
249	
250	(a) If the offeror seeking approval is not a manufacturer, the offeror shall submit SAR
251	documentation on the manufacturer.
252	
253	(b) Any SAR identified to Boeing Rights Guard must comply with the Boeing Rights Guard
254	Agreement.
255	
256	(End of TQ Requirement)
257	
258	
259	

260	RD001: DEMILITARIZATION: SMALL ARM WEAPONS AND PARTS AND ACCESSORIES
261	(CATEGORY I – MUNITIONS LIST ITEMS, CATEGORY I–DODM 4160.28- VOL 3)
262	
263	1. Demilitarization of small arms weapons, weapons parts, accessories, and associated technical data
264	will be accomplished in accordance with the most current version of the Department of Defense (DOD)
265	Manual 4160.28, Volume 3, Enclosure 3 found on the Web at:
266	http://www.dtic.mil/whs/directives/corres/pub1.html.
267	
268	2. Mandatory demilitarization training requirements will be fulfilled in accordance with DOD Manual
269	4160.28, Volume 1, Enclosure 4.
270	
271	(End of TQ Requirement)
272	
273	
274	
275	

276 277	RQ001: HIGHER LEVEL CONTRACT QUALITY REQUIREMENTS (MANUFACTURERS AND NON-MANUFACTURERS)
278 279 280 281	1. The minimum Higher Level Contract Quality Requirements for manufacturers for DLA is either SAE AS9003, or the appropriate tailored version of ISO 9001:2008. MIL-I-45208 and MIL-Q-9858 are obsolete and no longer acceptable when higher level quality is required.
282 283	2. In the tailored version of the ISO 9001:2008, any references within ISO 9001:2008 which cite the entire international standard are interpreted as exclusions.
284	3. DLA tailored higher level quality technical requirements from ISO 9001:2008 are as follows:
285	4.1 General requirements, [excluding reference to 1.2 and excluding Note 3c)]
286	4.2.1 General, [excluding subparagraph a)]
287	4.2.2 Quality manual, [excluding subparagraph a)]
288	4.2.3 Control of documents
289	4.2.4 Control of records
290	5.1 Management commitment
291	5.3 Quality policy
292	6.2.2 Competence, training and awareness
293	6.4 Work environment
294	7.1 Planning of product realization, [excluding Note 2]
295	7.2.1 Determination of requirements related to the product
296	7.2.2 Review of requirements related to the product
297	7.2.3 Customer communication
298	7.3.7 Control of design and development changes
299	7.4.1 Purchasing process
300	7.4.3 Verification of purchased product
301	7.5.1 Control of production and service provision
302	7.5.3 Identification and traceability
303	7.5.4 Customer property

304	7.5.5 Preservation of product
305	7.6 Control of monitoring and measuring equipment
306	8.1 General, [excluding subparagraphs (b) and (c)]
307	8.2.2 Internal audit
308	8.2.4 Monitoring and measurement of product
309	8.3 Control of nonconforming product
310	8.5.2 Corrective action
311	8.5.3 Preventive action
312 313 314	4. Manufacturing contractors may also choose to offer a quality management program meeting the requirements of full ISO 9001:2008, full ISO 9001:2015, or a program that exceeds ISO 9001:2008 (example SAE AS 9100).
315	5. Higher-Level Contract Quality Requirement for Non-Manufacturers:
316	(a) If a non-manufacturer is supplying the material, the non-manufacturer shall:
317 318	(i) Furnish items produced at a manufacturing facility conforming to the higher-level contract quality requirement for manufacturers as specified in paragraph one; or
319 320 321 322 323 324 325 326 327 328 329	(ii) Maintain and provide documented evidence that material furnished under this contract was produced at a manufacturing facility conforming to the specified higher-level contract quality requirement and that the material meets all requirements. At a minimum, the documented evidence shall be sufficient to establish the identity of the product and its manufacturing source; and include the basic item description, the item(s) part number and/or national stock number, the item(s) manufacturing source, the manufacturing source's commercial and government entity code (e.g. CAGE code), and clear identification of the name and location of supply chain intermediaries from the manufacturer to the direct source of the product for the offeror/contractor, to the item(s) acceptance by the Government. It should also include, where available, the manufacturer's batch identification for the part(s), such as date codes, lot codes, or serial numbers.
330 331 332	(iii) Maintain documentation of the Non-Manufacturers' quality assurance program; receiving/verification processes; records management system; procurement system; inventory control system; testing results; and any other records associated with the material being provided
333 334 335	(iii) Maintain documentation of the Non-Manufacturers' quality assurance program; receiving/verification processes; records management system; procurement system; inventory control system; testing results; and any other records associated with the material being provided
336	(End of TO Requirement)

338 339 340	RQ002: CONFIGURATION CHANGE MANAGEMENT - ENGINEERING CHANGE PROPOSAL REQUEST FOR VARIANCE (DEVIATION OR WAVIER)
341 342	1. The Configuration Change Management section of SAE EIA-649-1 Configuration Management Requirement for Defense Contracts, Paragraph 3.3, shall be used for configuration control of material.
343 344 345	2. Furnished item(s) shall conform to the approved configuration requirements/revision, unless a Request for Variance (RFV) is processed and approved as provided by Paragraph E. below. The term "Request for Variance" includes Requests for Deviations and Waivers.
346 347 348	3. Value Engineering Change Proposals (VECPs) for cost saving improvements to the Technical Data Package (TDP) should not be processed per SAE EIA-649-1 and should be referred to FAR Part 48 Value Engineering.
349 350 351	4. All Engineering Change Proposals (ECPs) submitted will be deemed routine. If an ECP is considered as an emergency or urgent; that justification for the rationale shall be included in the ECP submittal with all applicable supporting documentation.
352 353 354 355 356	5. For ECPs, RFVs, Notices of Revision (NORs) or Specification Change Notices (SCNs), the Contractor must submit the applicable documentation listed in sub-paragraphs 5. (a) through 5. (d) to the Administrative Contracting Officer (ACO), with an information copy to the Procuring Contracting Officer (PCO). Failure to submit a complete legible package may result in return of the ECP/RFV/SCN/NOR without processing.
357 358	(a) Documentation listed in EIA-649-1 Paragraph 3.3.1 (for ECPs), 3.3.2 (RFV), 3.3.3 (for SCNs) or 3.3.4 (for Notices of Revision (NORs)).
359	(b) DD Form 1692 (current revision) for ECP.
360	(c) DD Form 1694 (current revision) for RFV.
361	(d) DD Form 1695 (current revision) for NOR.
362 363	6. Questions regarding the status of previously submitted ECP or RFV should be directed to the PCO. Incorporation of an approved RFV and/or ECP will require a contract modification execution.
364 365	7. The submission of an ECP/RFV/SCN/NOR does not affect the required delivery date of the contract. If a delivery date change is needed, a contract modification is required.
366	(End of TQ Requirement)

RQ003: CONFIGURATION CHANGE MANAGEMENT FOR EDGEWOOD FOR CHEMICAL, BIOLOGICAL CENTER MATERIALS - ENGINEERING CHANGE PROPOSAL REQUEST FOR VARIANCE (DEVIATION OR WAVIER)

370

- 1. The Configuration Change Management section of SAE EIA-649-1 "Configuration Management
- Requirement for Defense Contracts", Paragraph 3.3, shall be used for configuration control of material
- with the following exclusions: paragraph 3.3(3); the second sentence of paragraph 3.3.1.8.1(1), and the
- General Note in paragraph 3.3.2.4(1) which reads as "Generally, Minor RFVs address product changes
- that are temporary and do not impact the baseline."
- 376 2. Furnished item(s) shall conform to the approved configuration requirements/revision, unless a
- Request for Variance (RFV) is processed and approved as provided by Paragraph E. below. The term
- 378 "Request for Variance" includes Requests for Deviations and Waivers.
- 379 3. Value Engineering Change Proposals (VECPs) for cost saving improvements to the Technical Data
- Package (TDP) should not be processed per SAE EIA-649-1 and should be referred to FAR Part 48
- 381 Value Engineering.
- 4. All Engineering Change Proposals (ECPs) submitted will be deemed routine. If an ECP is
- considered as an emergency or urgent; that justification for the rationale shall be included in the ECP
- 384 submittal with all applicable supporting documentation.
- 5. For ECPs, RFVs, Notices of Revision (NORs) or Specification Change Notices (SCNs), the
- Contractor must submit the applicable documentation listed in sub-paragraphs 5. (a) through 5. (d) to the
- 387 Administrative Contracting Officer (ACO), with an information copy to the Procuring Contracting
- 388 Officer (PCO). Failure to submit a complete legible package may result in return of the
- 389 ECP/RFV/SCN/NOR without processing.
- 390 (a) Documentation and/or use of DD Form 1692 (current revision) and delivery of data per DI-SESS-
- 391 80639 is detailed in paragraph 3.3.1 of EIA-649-1 for ECPs.
- 392 (b) Documentation and/or use of DD Form 1694 (current revision) and delivery of data per DI-SESS-
- 393 80640 is detailed in paragraph 3.3.2 of EIA-649-1 for RFVs.
- 394 (c) Documentation and/or use of DD Form 1695 (current revision) and delivery of date per DI-SESS-
- 395 80642 is detailed in paragraph 3.3.4 of EIA-649-1 for NORs.
- 396 (d) Documentation and delivery of data per DI-SESS-80643 is detailed in Paragraph 3.3.3 of EIA-
- 397 649-1 for SCNs.
- 398 6. Questions regarding the status of previously submitted ECP or RFV should be directed to the PCO.
- 399 Incorporation of an approved RFV and/or ECP will require a contract modification execution.
- 400 7. The submission of an ECP/RFV/SCN/NOR does not affect the required delivery date of the contract.
- 401 If a delivery date change is needed, a contract modification is required.
- 402 (End of TQ Requirement)

404	RQ004: FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT (FIFRA)
405	
406	(1) All insecticidal, acaricidal, herbicidal, fungicidal or algacidal pesticide products delivered or utilized
407	in the production of finished supplies or delivery of services must be specifically labeled for the
408	intended use as a pesticide by the US Environmental Protection Agency (EPA).
409	
410	(2) When a pesticide is specified by a contract but is not available with an EPA approved label, the
411	offeror shall request a deviation from the specification and designate a substitute product with an EPA
412	approved label for the use required by the specification.
413	
414	(End of TQ Requirement)
415	

RQ005: LENGTHS, TICKETS, PACKAGING, MARKING OF CUTS OR PIECES – DLA TROOP SUPPORT, CLOTHING AND TEXTILES (C&T)

(1) LENGTHS OF CUTS OR PIECES. The gross length of single continuous pieces (regular length) is in the applicable specification or deviation. On pieces where shade swatches have been removed, gross yards shall exclude any material cut pursuant to the shade evaluation requirement. Pieces less than $\underline{50}$ $\underline{\text{yards}}$ in length will be considered for acceptance as follows:

Gross Lea Short Pie	ngth of ces (Yards)	Maximum % Permitted Of Total Contract Yardage	Discount From Contract Price
From:	To:		
40	49-7/8	4%	2%
30	39-7/8	3%	5%
20	29-7/8	2%	10%

Pieces less than 20 yards in length will not be accepted. When splicing is permitted, each individual cut so spliced will nevertheless be considered as a separate piece. Short lengths listed in this paragraph as acceptable must be presented to the Government Quality Assurance Representative (QAR) in separate groupings, identified as short lengths, and segregated by respective length ranges. The total yardage within any short length range, presented for acceptance at any stage of contract performance, shall not exceed the percentage specified in relation to the total yardage (gross of all regular and short length pieces) shipped to date on the contract plus the yardage in the lot being presented for acceptance.

(2) PIECE TICKETS:

- (a) The piece ticket shall not include in the gross quantity any yardage removed there from for purposes of Contractor and Government verification testing, shade evaluation, standby samples, etc., but shall show only actual yardage in the piece.
- (b) One-piece ticket shall be required for each length (whether a regular length or a short length as outlined in paragraph (a) above) showing gross yardage. Information on the ticket shall be specified in the applicable requirements for preparation for delivery.
- (c) Where permitted, when two or more pieces are put up on the same roll and the roll is shipped unwrapped, one ticket shall be attached to each piece and one additional ticket shall be attached to the roll.
- (d) Where permitted, when two or more pieces are put up on the same roll and the roll is shipped wrapped, one ticket shall be attached to each piece and two additional tickets shall be attached to the roll. One of the additional tickets shall be inserted in the paper tube and the other such additional ticket so positioned that, though covered by the wrapping, it can be readily located and drawn. An "X" marked on the outside wrapping shall indicate the position of the latter ticket.

461	(e) The additional tickets required by subparagraph (3) or (4) above shall be as specified in the
462	applicable requirements for preparation for delivery. These tickets shall show gross yardage of each
463	piece on the reverse side and the total gross yards of the pieces comprising the roll on the face side.
464	
465	(3) PACKAGING AND MARKING OF SHORT LENGTH:
466	
467	(a) Packaging: Lengths from 20 to 49-7/8 yards will be packed separately from regular length pieces.
468	In addition, each length ranges as indicated in the table of paragraph (a), "Length of Cuts or Pieces"
469	will, in turn, be packed separately. The total number of short lengths rolled on a tube shall be limited
470	by the maximum yardage or maximum weight (whichever is applicable) specified for a roll.
471	
472	(b) Marking: Marking of containers shall clearly indicate "Short Lengths", followed by the length
473	range of the contents. This information shall immediately follow the nomenclature.
474	
475	
476	(End of TQ Requirement)
477	· - • • · · · · · · · · · · · · · · · ·

478	RQ006: QUALITY CONFORMANCE INSPECTION REQUIREMENTS
479 480	(1) This applies when manufactured parts are being acquired and the item description states that quality conformance inspection is required.
481	(2) Specifications Standards:
482	(a) American Society of Mechanical Engineers (ASME) B46.1, Surface Texture.
483	(b) ASME Y14.5, Dimensioning and Tolerancing.
484	(c) NCSL Z540.3, "Requirements for the calibration of Measuring and Test Equipment".
485	(d) National Bureau of Standards FED-STD-H28, Screw Thread Standards for Federal Services.
486	(e) American Society for Testing Materials (ASTM) Standards.
487	(f) ASTM E8/E8M – Standard Test Methods for Tension Testing of Metallic Materials.
488	(g) ASTM E10 – Standard Test Method for Brinell Hardness of Metallic Materials.
489	(h) ASTM E18 - Standard Test Methods for Rockwell Hardness of Metallic Materials.
490 491	(i) International Organization for Standardization (ISO) 9000 "Quality management systems - fundamentals and Vocabulary".
492	(3) Requirements:
493 494	(a) Items with a technical data package that is complete for manufacture (e.g., Government drawing, commercially-available technical data, etc.) shall be tested or examined as follows:
495 496 497	(i) Machined surfaces of parts specified to a surface roughness value shall be examined in accordance with ASME B46.1 to determine conformance of surface roughness to a specified value.
498	(ii) Product threads shall be examined in accordance with FED-STD-H28.
499 500 501	(iii) Specified dimensional and geometric tolerances shall be measured using only calibrated measuring equipment that is certified and traceable to National Institute of Standards and Technology (NIST) for accuracy.
502	(iv) Testing shall be in accordance with applicable ASTM standards.
503 504 505	(b) Finished products shall be uniform in quality and condition; and clean, smooth and free from scale, burrs, slivers, sharp edges (unless a technical requirement), ragged or torn edges, and other defects considered detrimental to serviceability of product.

506	(4) Quality Assurance Provisions:
507	(a) Sampling for quality conformance inspection shall be as specified in the contract.
508	(b) The following classification of characteristics shall apply, unless otherwise specified:
509	(i) Critical:
510	(a) Diametrical and linear dimensions having a total tolerance of 0.001 inch (0.025 MM) or
511	less.
512	(b) Surface finishes having a 16 rms value or less.
513	(c) Geometric Tolerances having a tolerance of 0.002 inch (0.051 MM) or less.
514	(d) Nondestructive tests - Magnetic particle inspection, Liquid penetrant inspection,
515	Ultrasonic testing, Radiographic testing, etc.
516	(ii) Major:
517	(a) Diametrical and linear dimensions having a total tolerance greater than 0.001 inch (0.025
518	MM) up to and including 0.005 inch (0.1270 MM).
519	(b) Surface finishes having specified rms values over 16 but less than or equal to 63.
520	(c) Geometric Tolerance having a tolerance greater than 0.002 inch (0.051 MM) and equal
521	to or less than 0.008 inch (0.2032 MM).
522	(d) Threads specified to Class 3 tolerances.
523	(iii) Minor:
524	(a) Diametrical and linear dimensions having a total tolerance in excess of 0.005 inch
525	(0.1270 MM).
526	(b) Surface finishes specified to rms values in excess of 63.
527	(c) Visual and dimensional characteristics that are found to be nonconforming with the
528	requirements of the applicable drawing and the requirements are contractual nonconformances.
529	(d) Chemical Test Lot - For chemical analysis, a test lot shall consist of one heat or melt of material
530	regardless of product sizes/shapes produced.
531	(e) Mechanical Test Lot - For mechanical testing, when heat treatment is a technical requirement, a
532	lot shall consist of:

533	(i) One size/shape of "as received" material from a "Chemical Test Lot", or
534	(ii) Each heat treats batch or continuous furnace run of end items from a "Chemical Test Lot".
535 536 537 538 539 540	(f) Material Certification - Written certification shall state that the material used conforms to the specification requirements and that test reports are on file. The material manufacturer's certificate of test for each heat or melt of material used in the manufacture of inspection lot product is required. The certificate shall show that the test results are in accordance with specification requirement and shall be entered into the inspection record. When a Certificate of Quality Compliance (COQC) is a requirement, the material certification:
541 542	(i) Shall be signed by an authorized company officer or contractor representative responsible for Quality Assurance;
543	(ii) Shall include actual test/inspection results; and
544	(iii) Shall include documentation for all required processes.
545 546 547 548 549 550 551 552 553	(g) Metallic Products: Products produced from "as received" material, or from material purchased in accordance with technical requirements of the contract/order, including products to be heat treated during the manufacturing cycle, shall require certificates (test report results) or mill source certification; and shall be verified by the Contractor for conformance with the requirements of the applicable material specification, including conformance with the properties for the type, grade, class, condition ordered. Inconclusive certification will require verification testing in accordance with the applicable specification and shall be performed on the chemical test lot and mechanical test lot of any particular material received; and test report results shall form part of the contract inspection records.
554 555 556	(i) Heat Treated Parts: Those articles which during the manufacturing cycle have been heat treated as may be required by drawing to obtain desired mechanical properties must be tensile and/or hardness tested as applicable to assure conformance to the drawing requirements.
557 558 559 560	(ii) When necessary due to product size, tensile test coupons may be taken from the same material from which the part is made. Test coupons shall be the same thickness as the maximum section of the part being heat treated and shall be subjected to the same heating and cooling cycles performed in the heat treatment of the parts.
561 562 563 564 565 566	(h) Non-metallic Products: Test certificates from the raw material producer or source certification shall be examined by the Contractor for conformance to the applicable material application. The certification received from the material producer/supplier may be the sole basis for acceptance when the certificate establishes that the material meets the requirements of the applicable specifications. If the certificate is not complete, additional testing must be performed or data obtained to establish that material meets the requirements of the applicable specifications.
567	(i) Surface Finishes and Treatments/Metallic Coatings:

568	(a) Plating, Surface Finishes and Treatments: Samples shall be selected, examined and tested in
569	accordance with requirements of the applicable finish specification cited within technical
570	documents of the contract with the acceptance/rejection criteria of the specification applying. In
571	lieu of specific testing inspection criteria, the Contractor may furnish the plating contractor's
572	certification with inspection results attached as objective quality evidence of surface finish
573	conformance with specified requirements.
574	(b) When hydrogen embrittlement relief treatment is required, the Contractor shall include on the
575	certification a statement that product was so treated by baking at the temperature and time
576	required.
577	(j) Examination for Preparation for Delivery - Examination of the preparation for delivery shall be
578	performed to determine conformance with contractual requirements.
579	(End of TQ Requirement)
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RQ007: QUALIFIED MANUFACTURERS LIST (QML) INTEGRATED CIRCUITS, HYBRID MICROCIRCUITS, AND SEMICONDUCTOR DEVICES – DLA MARITIME

- 587 (1) This is a QML item. Military specification MIL-M-38510, MIL-PRF-38534, or MIL-PRF-38535, MIL-PRF-19500 apply, as applicable.
 - (2) QML item(s) shall be in strict conformance to the military specification referenced in the item description of the solicitation/contracting, including applicable revisions and slash sheets.
 - (3) The contractor shall provide a certificate of conformance and adequate supply chain traceability documentation (CoC/T), IAW the applicable military specification referenced in paragraph one. The CoC/T documentation must also reference the contract number. Failure to provide adequate CoC/T will result in the rejection of the offeror.
 - (4) If the contract requires inspection and acceptance at origin, the contractor shall furnish the original and two copies of the CoC/T to the Government quality assurance representative (QAR) with the items offered for acceptance. The CoC/T must clearly reference the applicable contract number. Upon acceptance, the QAR shall sign all copies indicating approval of the certification and acceptance of the supplies. The contractor shall email the signed copy to DLA Land and Maritime at Maritime.CDAP.Monitor@dla.mil. The second copy shall be retained by the QAR. The original shall be maintained by the contractor.
 - (5) If the contract requires inspection and acceptance at destination, the Contractor shall email one copy of the CoC/T to DLA Land and Maritime at Maritime.CDAP.Monitor@dla.mil upon shipment/delivery. The CoC/T must clearly reference the applicable contract number.

(End of TQ Requirement)

09/19/2016

613 614 615	RQ008: WARRANTY OF INDUSTRIAL PLANT EQUIPMENT (IPE) FEDERAL SUPPLY GROUP (FSG) 34
616 617 618	(1) The contractor warrants that for one year all supplies furnished under this contract will be free from defects in material and workmanship and will conform to all requirements of this contract. Warranty period begins from the date of acceptance.
619 620 621	(2) Any supplies or parts corrected or furnished in replacement by the contractor shall be subject to the conditions to the same extent as supplies initially delivered. This warranty shall be equal in duration to one year and shall run from the date of delivery of the corrected or replaced supplies.
622 623 624 625	(3) When the machine is inoperable because of a defect, deficiency and/or nonconformance subject to the contractor's warranty, and after the contractor has received written notice of the defect, deficiency or nonconformance, the warranty shall be extended for the time period during which the machine was inoperable (i.e., length of time from when contractor receives notification until machine is operable.)
626 627 628 629 630	(4) The contractor shall not be obligated to correct or replace supplies if the facilities, tooling, drawings, or other equipment or supplies necessary to accomplish the correction or replacement have been made unavailable to the contractor by action of the Government. In the event that correction or replacement has been directed, the contractor shall promptly notify the contracting officer, in writing, of the non-availability.
631 632 633	(5) The contractor shall also prepare and furnish to the Government data and reports applicable to any correction required (including revision and updating of all affected data called for under this contract) at no increase in the contract price.
634 635 636 637 638 639 640	(6) When supplies are returned to the contractor, the contractor shall bear the transportation costs from the place of delivery specified in the contract (irrespective of the free on board point, or the point of acceptance) to the contractor's plant and return. When defective items are returned to the contractor from other than the place of delivery specified in the contract, or when the Government exercises alternate remedies, the contractor's liability for transportation charges incurred shall not exceed an amount equal to the cost of transportation by the usual commercial method of shipment between the place of delivery specified in the contract and the contractor's plant and subsequent return.
641 642	(7) The warranties expressed herein are in lieu of any implied warranties of merchantability and "fitness for a particular purpose".
643	(8) Remedies available to the Government.
644 645	(a) In the event of a breach of the contractor's warranty, the Government may, at no increase in contract price
646 647 648	(i) Require the contractor, at the place of delivery specified in the contract (irrespective of the F.O.B. point or point of acceptance), or at the contractor's plant, to repair or replace, at the contractor's election, defective or nonconforming supplies, or

649	(ii) Require the contractor to furnish at the contractor's plant the materials or parts and
650	installation instructions required to successfully accomplish the correction.
651	(iii) Where it is impracticable for the Government to pursue remedies at (i) and (ii), the
652	Government may arrange for the repair or replacement of defective or nonconforming supplies
653	by the Government or by another source at the contractor's expense. Where the Government is to
654	accomplish the repair, the contractor at the Government's option will furnish the material or parts
655	and the instruction required to successfully accomplish the repair.
656	(9) If the contracting officer does not require correction or replacement of defective or nonconforming
657	supplies or the contractor is not obligated to correct or replace under paragraph (4) the Government shall
658	be entitled to an equitable reduction in the contract price.
659	(10) The contracting officer shall notify the contractor in writing of any breach of the warranty in
660	paragraph (b) of this clause within a reasonable period, but not later than 45 days after discovery of the
661	defect. The contractor shall submit to the contracting officer a written recommendation within two
662	working days as to the corrective action required to remedy the breach. After the notice of breach, but
663	not later than five days after receipt of the contractor's recommendation for corrective action, the
664	contracting officer may, in writing, direct correction or replacements in paragraph (8)(a) and the
665	contractor shall comply with this direction within five days of receipt. If it is later determined that the
666	contractor did not breach the warranty in paragraphs (1) and (b) the contract price will be equitably
667	adjusted.
668	(11) If supplies are corrected or replaced, the period for notification of a breach of the Contractor's
669	warranty in paragraph 10 shall be 45 days from the discovery of the defect.
670	(12) The rights and remedies of the Government provided in this clause are in addition to and do not
671	limit any rights afforded to the Government by any other clause of the contract.
672	(13) The contractor shall be liable for the reasonable costs of disassembly and/or reassembly of larger
673	items when it is necessary to remove the supplies to be inspected and/or returned for correction or
674	replacement.
675	(End of TQ Requirement)
	(Zina of TX responsiv)

677 678	RQ009: INSPECTION AND ACCEPTANCE AT ORIGIN	
679	1. The Government's Quality Assurance Representative (QAR) will inspect supplies described by	
680	manufacturer's name/code and part number at origin location(s):	
681	a. The QAR may require that objective evidence be furnished establishing the name and address of	
682	the plant that manufactures the supplies to ensure that a domestic product is being supplied.	
683	b. Objective evidence of performance must be present for all quality assurance requirements	
684	specified in the contract. The QAR may require additional examinations and tests to determine:	
685	i. Completeness of item	
686	ii. Material is new and unused	
687	iii. Absence of rust	
688	iv. Contamination, or deterioration	
689	v. Correct identification/item marking	
690	vi. Correct packaging	
691	vii. Absence of any damage	
692	viii. Compliance with preparation for delivery	
693	2. If the supplier is not the manufacturer of the supplies, objective evidence must be furnished to	
694	establish that the supplies were produced by the approved manufacturer.	
695	3. For supplies designated as former Government surplus (whether described by manufacturer's	
696	name/code and part number, or by Military or Federal specification or drawing), the original package	
697	markings of each item shall be verified to previous Government contract number and part number. An	
698	deviation shall be cause for rejection of the item. The Procuring Activity may add additional inspection	
699	requirements based on the evaluation of the surplus offer. Such additional requirements will be	
700	identified before the award.	
701	(End of TQ Requirement)	

RQ010: DATA NAME PLATES (1) The most current version of military standard (MIL-STD) 130 is applicable with the exception of paragraphs 4.1, 4.5, 4.6, 4.11 and 4.13. Data name plates shall be made of minimum 22-gauge corrosion-resisting metal and attached to each item by rivets, screws, or welding in such a manner as to meet the applicable National Sanitation Foundation sanitary requirements for this equipment. The plate shall contain the following information stamped, engraved or applied by photosensitive means. a) National stock number b) Procurement Instrument Identification Number c) Specification data d) Manufacturer's name, address, phone number e) Supplier's name, address, phone number f) Manufacturer's model number g) DIC approved manual number (2) Each plate shall be placed so that it is readily visible to the operator during normal operating use. Each plate shall be placed in a manner as to not adversely affect the life and utility of the item. (End of TQ Requirement)

733	RQ011: REMOVAL OF GOVERNMENT IDENTIFICATION FROM NON-ACCEPTED
734	SUPPLIES
735	
736	The Contractor shall remove or obliterate from a rejected end item and its packing and packaging,
737	any marking, symbol, or other representation that the end item or any part of it has been produced or
738	manufactured for the United States Government. Removal or obliteration shall be accomplished prior to
739	any donation, sale, or disposal in commercial channels.
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741	(End of TQ Requirement)
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746	RQ012: QUALIFIED PRODUCTS LIST (QPL) CONNECTOR ASSEMBLIES AND QPL
747	ELECTRICAL CONTACTS
748	
749	This is a qualified item. DLA Directive (DLAD) Procurement Note "H01 Qualified Products List
750	(QPL) for Federal Supply Class (FSC) 5935 Connector Assemblies and Contacts" applies. The full text
751	of H01 is in the DLAD Procurement Notes located on the Web at:
752	http://www.dla.mil/HQ/Acquisition/Offers/eProcurement.aspx.
753	
754	(End of TQ Requirement)
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758 759	RQ013: QUALIFIED SUPPLIERS LIST OF MANUFACTURERS (QSLM) FOR GUN PARTS
760	This is a qualified item. DLA Directive (DLAD) Procurement Note "M02 Qualified Suppliers List of
761	Manufacturers (QSLM) for Gun Parts Federal Supply Class (FSCs) 1005, 1010, 1015, 1025, 1055, and
762	1095" applies. The full text of M02 is in the DLAD Procurement Notes located on the Web at:
763	http://www.dla.mil/HQ/Acquisition/Offers/eProcurement.aspx.
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765	(End of TQ Requirement)
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782	RQ015: QUALIFIED SUPPLIERS LIST FOR MANUFACTURERS (QSLM)/QUALIFIED
783	SUPPLIERS LIST FOR DISTRIBUTORS FOR TROOP SUPPORT
784	
785	This is a qualified item. The DLA Directive (DLAD) Procurement Note "M03 Qualified Suppliers List
786	for Manufacturers (QSLM)/Qualified Suppliers List for Distributors (QSLD) for Troop Support"
787	applies. The full text of procurement note M03 can be found in the DLAD Procurement Notes located
788	on the Web at: http://www.dla.mil/HQ/Acquisition/Offers/eProcurement.aspx .
789	(End of TQ Requirement)
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791 792 793	RQ016: COMPONENT QUALIFIED PRODUCTS LISTS (QPL)/QUALFIED MANUFACTURERS LISTS (QML)
794 795 796 797 798	This is a qualified item. The item contains one or more components defined by a specification(s) with an associated Qualified Products List (QPL) or Qualified Manufacturers List (QML). The DLA Directive (DLAD) Procurement Note "H02 Component Qualified Products List (QPL)/Qualified Manufacturers List (QML)" applies. The full text of H02 can be found in the DLAD Procurement Notes located on the Web at: http://www.dla.mil/HQ/Acquisition/Offers/eProcurement.aspx.
799 800	(End of TQ Requirement)

801	RQ017: PHYSICAL IDENTIFICATION/BARE ITEM MARKNG
802	
803	(1) Unless authorized by exclusions listed below, items shall be marked as specified in the current
804	military standard 130 (MIL-STD-130). The following supplemental marking requirements shall take
805	precedence in case of conflict with MIL-STD-130:
806	
807	(a) Unless the design control document specifically cites other marking requirements, the item will
808	be considered too small to mark under the conditions listed below (however, IP027 Packing and
809	Marking Requirements for Federal Stock Class (FSC) 5961 and Semiconductors and Hardware
810	Devices and FSC 5962 Electronic Microcircuits) applies:
811	
812	(2) For federal supply classes (FSCs) 5905, 5910, 5935, 5961, 5962, and 5999, items smaller than .100
813	inch in diameter and .250 inch in length or .100-inch square X .250 inch in length, exclusive of wire
814	leads, will not be marked.
815	
816	(3) Items from other FSCs will not be marked if the item is smaller than .250 inch in diameter X .500-
817	inch-long or .250-inch square X .500-inch-long, exclusive of wire leads.
818	
819	(4) Restrictions (1) and (2) above will not preclude marking of items of smaller dimensions if it is the
820	manufacturer's standard practice to do so.
821	
822	(a) No other physical item marking exclusions are authorized unless specified by MIL-STD-130.
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824	(End of TQ Requirement)
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829 830	RQ018: CONTRACTOR RETENTION OF SUPPLY CHAIN TRACEABILITY DOCUMENTATION (AUG 2016)
831	This item requires supply chain traceability documentation in accordance with DLA Directive (DLAD)
832	Procurement Note "C03 Contractor Retention of Supply Chain Traceability Documentation (AUG
833	2016)". The full text of C03 can be found in the DLAD Procurement Notes located on the Web at:
834	http://www.dla.mil/HQ/Acquisition/Offers/eProcurement.aspx.
835	(End of TQ Requirement)
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837	RT001: MEASURING AND TEST EQUIPMENT
838	
839	Gauges and other measuring and testing equipment used for product acceptance shall conform to
840	specified technical requirements and shall be calibrated in accordance with International Organization for
841	Standardization (ISO) 10012:2003 or American National Standards Institute (ANSI)/National Conference
842	of Standards Laboratories (NCSL) Z540.3.
843	
844	(End of TQ Requirement)
845	