

QUALITY ASSURANCE PROVISIONS

C-321: SPECIFICATIONS:

NSN: 1615-01-126-6113 P/N:(78286) 65664-11175-103

NOMENCLATURE: Cap, Cylinder

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (78286) 65664-11175-103 REV. "Latest" and all details and specifications referenced therein.

I. QUALITY/INSPECTION REQUIREMENTS

- A. MIL-I-45208 or ISO 9000 Equivalent applies:
- B. Mandatory Inspection applies:

II. SUPPLEMENTAL REQUIREMENTS

- A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 apply.
- B. The contractor shall include on the detailed process/operation sheets developed, (1) all in house manufacturing processes and (2) The identity of all manufacturing sources performing processes/ operations outside of their facilities. These sheets shall not be revised or altered without approval from the Engineering Support Activity (ESA) via the PCO.
- C. The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging.
- D. Markings should be I/A/W MIL-STD-130 REV. "K" para. 5.3.3(a), (b), (c) and (g). Method and location shall be I/A/W drawing.

III. MANDATORY INSPECTION REQUIREMENTS:

During production, mandatory inspection is required to be accomplished by the contractor as follows:

A. LEVEL OF INSPECTION (L.O.I.)

- 1) Critical Characteristics: 100% inspection applies
- 2) Major and Minor Characteristics: L.O.I. shall be I/A/W a sampling plan acceptable to the Q.A.R..

B. CRITICAL CHARACTERISTICS FOR:

- 1) Diametrical and linear dimensions having a total tolerance of .001" or less.
- 2) Surface finishes having a 16 value or less.
- 3) Any geometric feature control requirement with a total tolerance range of .002" or less.
- 4) Angular tolerances with a total range of less than one degree.
- 5) Threads specified to class three or greater.

C. MAJOR AND MINOR CHARACTERISTICS:

- 1) Shall be defined by the contractor subject to Q.A.R. concurrence, unless defined on applicable drawings and associated specifications.

V. Unless expressly provided for elsewhere in this clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item will not be provided by the government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>	
D. SYSTEM/ITEM 1615-01-126-6113	E. CONTRACT/PR NO.	F. CONTRACTOR	

1. DATA ITEM NO. 0001	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS	3. SUBTITLE COMPLETED PROCESS OPERATION SHEETS	17. PRICE GROUP
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4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T	5. CONTRACT REFERENCE	6. REQUIRING OFFICE DSCR	18. ESTIMATED TOTAL PRICE
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7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION	
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16 **	a. ADDRESSEE	b. COPIES Draft Final Reg Repro

16. REMARKS BLOCK 12 * If the process Operations change after contract award. BLOCK 13 ** At contract completion	QAR	1/0		
	NAVICP-P 0731	1/0		
	PCO	1/0		
	15. TOTAL	3/0		

1. DATA ITEM NO. 0002	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS	3. SUBTITLE COMPLETED INSPECTION METHODS SHEETS	17. PRICE GROUP
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4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T	5. CONTRACT REFERENCE	6. REQUIRING OFFICE NAVICP-P	18. ESTIMATED TOTAL PRICE
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7. DD 250 REQ LT	9. DEST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION	
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**	a. ADDRESSEE	b. COPIES Draft Final Reg Repro

16. REMARKS BLOCK 12 and BLOCK 13 At time of contract completion and the contractor shall retain 100% of contract quality records for seven years.	QAR	1/0		
	NAVICP-P 0731	1/0		
	PCO	1/0		
	15. TOTAL	3/0		

G. PREPARED BY NAVICP-P	H. DATE	I. APPROVED BY NAVICP-P	J. DATE
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CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

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A. CONTRACT LINE ITEM NO.				B. EXHIBIT		C. CATEGORY: TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>					
D. SYSTEM/ITEM 1615-01-126-6113				E. CONTRACT/PR NO.		F. CONTRACTOR					
1. DATA ITEM NO. 0005		2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT				3. SUBTITLE				17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T			5. CONTRACT REFERENCE			6. REQUIRING OFFICE DSCR				18. ESTIMATED TOTAL PRICE	
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*		14. DISTRIBUTION					
8. ADP CODE A			11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**		a. ADDRESSEE	Draft	b. COPIES Final			
								Reg	Repro		
16. REMARKS block 4: PARA 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 APPLY BLOCK 12 and BLOCK 13 * At the time of contract completion contractor shall retain 100% of contract quality records for seven years. BLOCK 3 REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUBTITLES. CERTIFICATION REPORTS FOR PRIME PROCESS AND MATERIAL SPECIFICATIONS SHALL INCLUDE CERTIFICATION THAT ALL VENDORS PERFORMING THESE PROCESSES ARE PRIME APPROVED SOURCES. (1) MATERIAL CERTIFICATION REPORTS: Process Per SS8043 (2) PROCESS CERTIFICATIONS: Anodize (Type 1) Mil-A-8625 (3) Inspection of Threads Shall be by Gaging Method A of MIL-S-8879 or MIL-S-7742 as applicable.						QAR		1/0			
						NAVICP-P 0731		1/0			
						PCO		1/0			
						15. TOTAL		3/0			
1. DATA ITEM NO.		2. TITLE OF DATA ITEM			3. SUBTITLE				17. PRICE GROUP		
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE			6. REQUIRING OFFICE				18. ESTIMATED TOTAL PRICE	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED		10. FREQUENCY	12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION					
8. ADP CODE			11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	Draft	b. COPIES Final			
								Reg	Repro		
16. REMARKS											
G. PREPARED BY NAVICP-P		H. DATE		I. APPROVED BY NAVICP-P		J. DATE					