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Quality Assurance Provisions

NSN:1RM 1650-00-348-5696, P/N: (78286) S1565-61356-000
NOMEN: PISTON/HYD. SYS. RAMP LATCH ACT.
DRAWING #(78286) S1565-61356 Rev.D or later

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing numbers and revisions as stated above and all details and specifications referenced therein.

I. Quality/Inspection Requirements

- A. MIL-I-45208 applies: (OR EQUIVALENT ISO9000 SYSTEM)
- B. Mandatory Inspection applies: (SEE PAR. III BELOW)
- C. Other: Requirements of DD FORM 1423 Contract Data Requirements.

II. Supplemental Requirements

- A. Additionally, par. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 apply. (OR EQUIVALENT ISO9000 SYSTEM)
- B. The contractor shall include on the detailed process/operation sheets developed, all in house manufacturing processes and the identity of all manufacturing sources performing processes/ operations outside of their facilities.
- C. The Inspection Method Sheets which list the critical 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. "J" . 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 (LOI).
 - 1) Critical Characteristics: 100% inspection shall apply.
 - 2) Major and Minor Characteristics - LOI shall be I/A/W a sampling plan acceptable to the QAR.

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B. Critical Characteristics

- 1) All dimensions with a tolerance/geometric feature control of .003 or less.
- 2) Surface finishes having a 16 value or less.
- 3) Angular tolerance with a total range of 1 degree or less.
- 4) All class 3 threads.

C. Major and Minor Characteristics

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

IV. 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(s) 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.

