

INCH-POUND

MIL-T-62063(AT)
 AMENDMENT 2
 3 November 1988
 SUPERSEDING
 AMENDMENT 1
 13 October 1977

MILITARY SPECIFICATION

TIME DELAY UNIT; ADJUSTABLE, SOLID STATE

This amendment forms a part of MIL-T-62063(AT), dated 4 May 1967, and is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

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2.1, under "SPECIFICATIONS, Military" delete:

- * "MIL-D-13570
 MIL-C-26655
 MIL-E-55301
- Dust, Testing by Exposure To.
 - Capacitors, Fixed, Solid Electrolyte,
 Tantalum, General Specification for.
 - Electromagnetic Compatability."

2.1, under "SPECIFICATIONS, Military" add:

- "MIL-C-39003
- Capacitors, Fixed, Electrolytic (Solid Electrolyte), Tantalum, Established Reliability, General Specification for."

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*2.1, under "STANDARDS" add:

"FEDERAL

- FED-STD-H28
- Screw-Thread Standards for Federal Services."

*2.1, under "Military" add:

- "MIL-STD-461A
- Electromagnetic Interference Characteristics Requirements for Equipment.

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MIL-STD-462

- Electromagnetic Interference
Characteristics, Measurement of.

MIL-STD-810

- Environmental Test Methods and Engineering
Guidelines."

*2.2, delete in its entirety.

*Add new paragraph:

"2.2 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained."

*3.1, delete in its entirety and substitute:

"3.1 First article. Unless otherwise specified (see 6.2), the contractor shall furnish time delays which shall be subjected to first article inspection (see 4.2). First article inspection samples, properly marked with identifying information, shall be representative of the time delays to be furnished to the Government. All subsequent time delays delivered to the Government shall conform to these samples in all of their pertinent physical and performance attributes."

3.2.2, line 1, delete "MIL-C-26655" and substitute "MIL-C-39003".

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*Add new paragraph:

"3.2.6 Recycled, virgin and reclaimed materials. There are no requirements for the exclusive use of virgin materials. The use of recycled or reclaimed (recovered) materials is acceptable provided that all other requirements of this specification are met (see 6.3.1)."

*3.3.1, lines 1 and 2, delete "National Bureau of Standards Handbook, H28 (see 2.2)" and substitute "FED-STD-H28".

*Add new paragraph:

"3.3.3 Qualified products. Any component of the time delay when listed on a qualified products list (QPL) shall be furnished from a source listed or approved for listing on the QPL in accordance with the applicable specification or drawing at the time set for opening of bids. Documentation of the item acquisition from the qualified source shall be made available to the Government for review. The documentation shall include the QPL date, identification of the supplier, purchase order and quantity (see 4.1.2)."

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3.5.4, line 2, delete "preproduction" and substitute "first article".

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*3.9, delete in its entirety and substitute:

"3.9 Electromagnetic compatibility. The time delay shall meet the requirements of MIL-STD-461A, Notice 4."

4.1, delete in its entirety and substitute:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order (see 6.2), the contractor is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements."

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*Add the following new paragraphs:

"4.1.1 Responsibility for compliance. All items shall meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

4.1.2 Qualified products. When a part or component is specified to conform to a specification having a QPL, the contractor shall make available to the Government documentation of item acquisition from such QPL. The documentation shall include the QPL date and identification of the supplier, purchase order and quantity."

*4.2, delete in its entirety and substitute:

"4.2 First article inspection. Unless otherwise specified (see 6.2), the Government shall select six time delays produced under the production contract for first article inspection. First article samples shall be inspected as specified in table I in the order listed and examined for the defects specified in table II. Approval of the first article sample by the

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Government shall not relieve the contractor of his obligation to supply time delays that are fully representative of those inspected as first article samples. Any changes or deviation of the production units from the first article sample shall be subject to the approval of the contracting officer."

*Table I, title, delete "preproduction" and substitute "first article".

*4.2.1, delete in its entirety and substitute:

"4.2.1 First article inspection failure. Deficiencies found during, or as a result of, first article inspection shall be cause for rejection of the first article sample until evidence has been provided by the contractor that corrective action has been taken to eliminate the deficiency. Any deficiency found during, or as a result of, first article inspection shall be evidence that all items already produced prior to completion of first article inspection are similarly deficient unless contrary evidence satisfactory to the contracting officer is furnished by the contractor. Such deficiencies on all items shall be corrected by the contractor. The Government will not accept products until first article inspection is completed to the satisfaction of the Government."

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*4.5.3.4, lines 2 and 3, delete "condition C, method 205C (medium impact shock test)" and substitute "condition I, method 213B".

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*4.5.3.8, line 2, delete "MIL-D-13570" and substitute "method 510 of MIL-STD-810".

*4.5.3.11, lines 2 and 3, delete "the applicable provisions of MIL-E-55301 for tactical vehicle components" and substitute "MIL-STD-462, Notice 3".

5, delete "PREPARATION FOR DELIVERY" and substitute "PACKAGING".

*5.1, delete in its entirety and substitute:

"5.1 Preservation, packaging, packing, and marking. Preservation, packaging, packing, and marking for the desired level shall be in accordance with the applicable packaging requirements specified by the contracting authority (see 6.2)."

*6.2, delete in its entirety and substitute:

"6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number, and date of the specification.
- b. If first article inspection is not required (see 3.1).
- c. Responsibility for inspection, if other than as specified (see 4.1).

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- d. First article sample size, if other than as specified (see 4.2).
- e. Selection of applicable level and packaging requirements (see 5.1)."

*Add the following new paragraphs:

"6.3 Definitions.

6.3.1 Recovered materials. 'Recovered materials' means materials that have been collected or recovered from solid waste (see 6.3.2).

6.3.2 Solid waste. 'Solid waste' means (a) any garbage, refuse, or sludge from a waste treatment plant, water supply treatment plant, or air pollution control facility; and (b) other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community activities. It does not include solid or dissolved material in domestic sewage, or solid or dissolved material in irrigation return flows or industrial discharges which are point sources subject to permits under section 402 of the Clean Water Act, (33 U.S.C. 1342 et seq.), or source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.) (Source: Federal Acquisition Regulations, section 23.402).

6.4 Subject term (key word) listing.

Capacitors
Electromagnetic compatibility
Relays
Resistors
Semi-conductor material, silicon"

NOTE: The margins of this amendment are marked with asterisks to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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