

MILITARY SPECIFICATION
 DESICCANTS, ACTIVATED FOR
 DYNAMIC DEHUMIDIFICATION

This amendment forms a part of Military Specification MIL-D-3716A, 22 December 1959, and has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force.

Page 1, paragraph 2.1: In the list of Federal Specifications delete "AQ-M-44" and substitute "QQ-M-44".

Page 3, paragraph 3.6, table II: Delete and substitute:

"TABLE II. Particle size.

Type	Sieve No. or designation	Distribution	Percent
I	0.265 inch	Retained (max.)	0.5
	6	Through 0.265 inch, retained on 6 (min.)	45.0
	10	Through 6, retained on 10 (max.)	50.0
	18	Through 10, retained on 18 (max.)	2.5
	18	Through 18 (max.)	0.5
II	6	Retained on 6 (max.)	2.0
	14	Through 6, retained on 14 (min.)	93.0
	18	Through 14, retained on 18 (max.)	4.0
	20	Through 18, retained on 20 (max.)	2.5
	20	Through 20 (max.)	0.5
IV	6	Retained (max.)	2.0
	12	Through 6, retained on 12 (min.)	55.0
	18	Through 12, retained on 18 (min.)	19.0
	18	Through 18 (max.)	3.5
	20	Through 20 (max.)	0.5

Page 4, paragraph 3.9, lines 1 and 2: Delete "types I, II and IV" and substitute "types I and II".

Page 4, paragraph 3.10.1, heading: Delete "Type I, grades H, M and L; Type II, grades H and M; and type IV, grade H" and substitute "Type I, grade L".

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Page 4, paragraphs 4.1, 4.2, 4.2.1, and 4.2.2: Delete and substitute:

"4.1 Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. The government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

"4.2 Preproduction tests. - Prior to production, 15 pounds of material shall be submitted to a laboratory satisfactory to the bureau or agency concerned for the tests specified in 4.8, with the exception of 4.8.8.2 for type I, grade L. The laboratory shall record all data obtained during such tests in such form as is consonant with good engineering practice.

"4.2.1 Preproduction testing is required for any manufacturing plant which has not previously furnished satisfactory material under this specification. After the product of any plant has once passed the preproduction testing, and deliveries have been accepted under the procedures of 4.3.1 to 4.3.2.4, inclusive, 4.4, 4.5.1 and 4.5.2, no further preproduction testing will be required except:

- (a) Following two successive failures in lot acceptance testing.
- (b) Following any change in plant, raw materials, or manufacturing process.
- (c) Following an extended period during which desiccant of the type and grade to be supplied has not been produced. An extended period is defined as one year or more."

Page 5, paragraphs 4.3.3 and 4.3.3.1: Delete and substitute:

"4.3.3 When Government acceptance inspection is required (see 6.2), samples shall be forwarded to a laboratory satisfactory to the bureau or agency concerned together with copy of the contractor's data."

Page 5, paragraph 4.4: Delete the last sentence.

Page 5, paragraph 4.5.1: Delete and substitute:

"4.5.1 Tests. - Samples shall normally be subjected to all the tests specified in 4.8, except the corrosiveness tests and the water vapor adsorption capacity tests for 40, 60, and 80 percent. The large machine performance test specified in 4.8.8.2 shall also be excepted for type I, grade L. However, when deemed necessary by the bureau or agency concerned these excepted tests shall be added to the test procedure."

Page 6, paragraphs 4.5.3, 4.6, 4.7, and 4.7.1: Delete.

Page 8, paragraph 4.8.6: Delete reference to type IV, grade H.

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Page 9, paragraph 4.8.8: Add "Type I, grade L" to heading.

Page 9, paragraph 4.8.8.1.2, line 17: Delete "0 plus or minus 5" and substitute "80 plus or minus 5".

Page 12, paragraph 6,2, listing (c): Delete "(see 4.3.3.1)" and substitute "(see 4.3.3)".

**Custodians:
Army - CmlC
Navy - Ships
Air Force - ARDC**

**Preparing activity:
Navy - Ships
(Project 6850-0098)**