

MIL-STD-616A  
 13 JANUARY 1961  
 SUPERSEDING  
 MIL-STD-616  
 25 JULY 1958

## MILITARY STANDARD

### EXTINGUISHERS, FIRE, MONOBROMOTRIFLUOROMETHANE PORTABLE, HAND AND WHEELED TYPES CAPACITIES AND CYLINDER DIMENSIONS

#### 1. SCOPE:

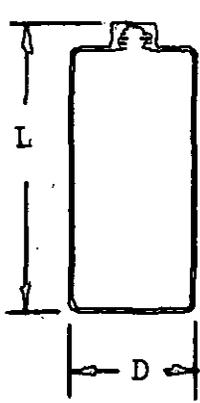
- 1.1 This standard provides for standard capacities and cylinder dimensions for Monobromotrifluoromethane Fire Extinguishers.
- 1.2 This standard is mandatory for use by all activities of the Department of Defense for all Monobromotrifluoromethane Fire Extinguishers acquired under government title, purchased or manufactured for the production of Army, Navy and Air Force Items.

#### 2. REFERENCE DOCUMENTS

- 2.1 Mil-E-52031 (CE) Extinguisher, Fire, Vaporizing Liquid, Bromotrifluoromethane - 2-3/4 lb with bracket.

TABLE 1

FIRE EXTINGUISHER CYLINDERS CHARGED WITH MONOBROMOTRIFLUOROMETHANE

CAPACITY (LBS)	LENGTH OF CYLINDER IN INCHES (L)	OUTSIDE DIAMETER OF CYLINDER IN INCHES (D)	VOLUME OF CYLINDER IN CUBIC INCHES	
2.75 +0.05 -0.05	10.5 +0.5 -0.5	3.5 +0.05 -0.03	80 + 2 - 1	
15 +0.5 -0.5	15.0 +1 -1	6.75 +0.25 -0.25	390 + 15 - 10	
50 +0.5 -0.5	31.0 +1 -1	8.50 +0.25 -0.25	1400 + 30 - 10	

#### 3. DEFINITIONS (as shown on Table 1)

- 3.1 Capacity is the weight of the Monobromotrifluoromethane in pounds.

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- 3.2 Length of cylinder - is the overall length of the cylinder from the base to the top of the neck (shown as (L) in Table 1).
- 3.3 Diameter of cylinder is the outside diameter of the cylinder (shown as (D) in Table 1).

4. REQUIREMENTS:

Fire Extinguisher Cylinders charged with Monobromotrifluoromethane shall conform to the criteria shown in Table 1.

Notice - When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture use or sell any patented invention that may in any way be related there to.

Copies of specifications, standards, drawings, and publications required by contractors, in connection with specific procurement functions should be obtained from the procuring agency or as directed by the contracting officer.

CUSTODIANS:

Army - Corps of Engineers  
Navy - Bureau of Yards and Docks  
Air Force - WADC

PREPARING ACTIVITY

Corps of Engineers

OTHER INTEREST

Army - TC QM MED