

RR-C 910/2
December 11, 1980
SUPERSEDING
MS39229
February 21, 1973

FEDERAL SPECIFICATION SHEET

CYLINDER, COMPRESSED GAS:

DOT SPECIFICATIONS 4BA, 4BW, AND 4E

LIQUEFIED PETROLEUM GAS AND FUEL GAS MIXTURES

This specification was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

The complete requirements for procuring the cylinder described herein shall consist of this document and the latest issue of Specification RR-C-910.

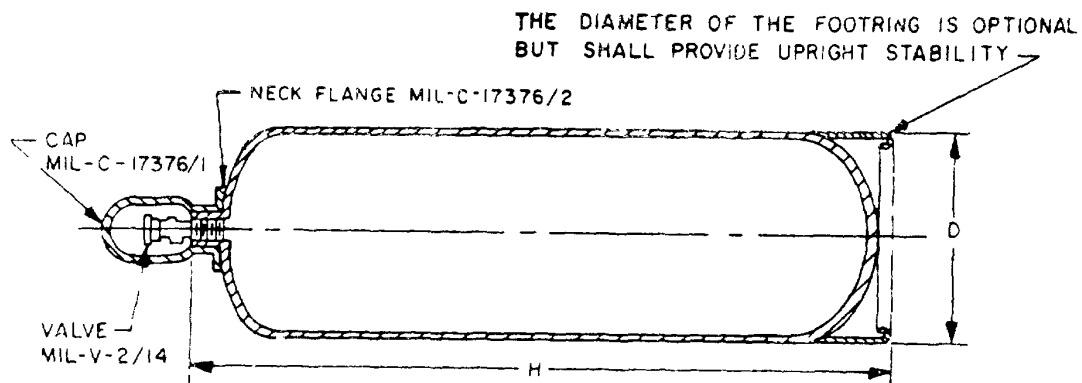


FIGURE 1.

X-3202A

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TABLE I.

Classification Number	Water Cap. lbs.	Max. Filling Density Lbs.			Service Pressure	Dimensions		Max. Tare lbs Steel	Aluminum
		Propane	Butane	Fuel		D	H		
C910/2-1	60	25	30	-	240	12-1/2	16-1/2	25	15
C910/2-2	96	40	48	-	240	12-1/2	28	40	25
C910/2-3	240	100	120	-	240	14-1/2	44	75	45
C910/2-4	360	150	180	-	240	18-1/2	42	110	-
C910/2-5	480	200	240	-	240	23	40	153	-
C910/2-6	1000	420	500	-	240	30	47	315	-
C910/2-7	15	6.0	7.5	7.5	240	5-1/2	22	7.5	6.9
C910/2-8	145	60	70	70	240	12	44	50	35

Notes:

- (1) Dimensional tolerances: Dia $\pm 1/2$ inch, Hgt ± 1 inch.
- (2) Maximum capacity for each cylinder depends upon the gas service, the cylinder water capacity, and the filling density for the specific gas as specified in the CFR Title 49.
- (3) The classification numbers include the letter, number, and slash number of this specification sheet, and a dash number, from table I (Ex. C910/2-3).
- (4) Cylinders shall be stenciled with the name of the gas specified in accordance with MIL-STD-101, or left blank if none specified.

REQUIREMENTS:

1. Valve protection collars. Valve protection collars with or without lids shall be optional in lieu of neck flange and valve protection cap for all applications except for Dash No. 7 fuel gas cylinders where a valve protection collar with carrying hand hold is required.
2. Footrings. Footrings shall be attached by welding and shall have a minimum of two vent holes equally spaced. When the bottom edge is rolled, two drain holes equally spaced shall be provided.
- 2.1 Unit shell constructed. When a concave bottom head is supplied the resulting skirt shall be acceptable in lieu of a fabricated footing.
3. Liquid level gage. When a liquid level gage is required, the cylinder contractor shall provide an approved valve with a bleed valve in its body fed by a bleed tube of specific length to reach the liquid/gas interface at the maximum filling density for the cylinder design when it is in the upright position.

Intended use. The compressed gas cylinders are intended for low pressure use in the storage transportation and distribution of liquified petroleum gases and

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mixtures of gases including propane butane and mixtures and commercial brand name mixtures such as napp, 13, ethylacetylene (propadene) and apache gas.

MILITARY INTEREST:

Custodians:

Army - ME
Navy - SH
Air Force - 68

Review activities:

Army - CE
DLA - GS
Air Force - 11

User activities:

Navy - YD, CG, MS

CIVIL AGENCY COORDINATING ACTIVITIES:

HEW - FDA
GSA - FSS
VA - DMS
NASA - NS

Preparing activity:

Army - ME

Project 8120-0373

Orders for this publication are to be placed with General Services Administration, acting as an agent for the Superintendent of Documents. See section 2 of this specification to obtain extra copies and other documents reference herein.

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