



Safety Bulletin EM 385-1-1

Mobile District Safety and Occupational Health Office

Bulletin 68-09

FLAMMABLE STORAGE SIZE

The 15 September 2008 Safety Manual (yellow book) is now in effect for most new contracts and government operations. Please note the requirements for flammable storage size as stated below.

TABLE 9-1

MAXIMUM ALLOWABLE SIZE OF CONTAINERS AND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS

Container type	Flammable Liquids Class			Combustible Liquids Class	
	IA	IB	IC	II	III
Glass	16 oz (473 mL)	32 oz (946 mL)	1gal (3.8 L)	1 gal (3.8 L)	1 gal (3.8 L)
Metal (other than DOT drums) or approved plastic)	1 gal (3.8 L)	5 gal (19 L)	5 gal (19 L)	5 gal (19 L)	5 gal (19 L)
Safety cans	2 gal (7.6 L)	5 gal (19 L)	5 gal (19 L)	5 gal (19 L)	5 gal (19 L)
Metal drum (DOT) specification	8.1 ft ³ (0.23 m ³)	8.1 ft ³ (0.23 m ³)	8.1 ft ³ (0.23 m ³)	8.1 ft ³ (0.23 m ³)	8.1 ft ³ (0.23 m ³)
Approved metal portable tank	88.3 ft ³ (2.5 m ³)	88.3 ft ³ (2.5 m ³)	88.3 ft ³ (2.5 m ³)	88.3 ft ³ (2.5 m ³)	88.3 ft ³ (2.5 m ³)
Polyethylene DOT Spec 34, UN 1H1, or as authorized by DOT Exemption	1 gal (3.8 L)	5 gal (19 L)	5 gal (19 L)	8.1 ft ³ (0.23 m ³)	8.1 ft ³ (0.23 m ³)
Fiber drum NMFC or UFC Type 2A, Types 3A, 3B-H, or 3B-L, or Type 4A				8.1 ft ³ (0.23 m ³)	8.1 ft ³ (0.23 m ³)