

MAXIMUM QUANTITIES OF FLAMMABLE AND COMBUSTIBLE LIQUIDS AND LIQUEFIED FLAMMABLE GASES IN SPRINKLERED LABORATORY UNITS OUTSIDE OF INSIDE LIQUID STORAGE AREAS.

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		Excluding Quantities in Storage Cabinets* or Safety Cans				Including Quantities in Storage Cabinets** or Safety Cans			
		Max. Quantity per 100 ft2 of Laboratory Unit		Max. Quantity per Laboratory Unit		Max. Quantity per 100 ft2 of Laboratory Unit		Max. Quantity per Laboratory Unit	
Laboratory Unit Fire Hazard Class	Flammable and Combustible Liquid Class	L	gal	L	gal	L	gal	L	gal
A High fire hazard	I*	38	10	2270	600	76	20	4540	1200
	I, II, and IIIA	76	20	3028	800	150	40	6060	1600
B Moderate fire hazard	I*	20	5	1136	300	38	10	2270	600
	I, II, and IIIA	38	10	1515	400	76	20	3028	800
C Low fire hazard	I*	7.5	2	570	150	15	4	1136	300
	I, II, and IIIA	15	4	757	200	30	8	1515	400
D Minimal fire hazard	I*	4	1	284	75	7.5	2	570	150
	I, II, and IIIA	4	1	284	75	7.5	2	570	150

* This category includes Class I flammable liquids and liquefied flammable gases.

** Quantities of liquefied flammable gases shall be treated as if they were Class I flammable liquids; that is, (1.1 gal) of liquefied flammable gas is to be considered equivalent to (1.1 gal) of Class I flammable liquid.

Note: This table is based on Table 10.1.1 of NFPA 45- Fire Protection for Laboratories Using Chemicals