

Flammable Liquid Limitations Per Control Area Per Floor

The Northwest Building has a license to store certain amounts of flammable liquids, gas and solids. Each level has a certain amount of fire control areas. Within each control area limitations of storing and using flammables have been set and must be enforced. Each principal investigator is responsible for not only knowing what the limits are per area but must ensure the limits are complied with.

Below is a table detailing the limits per area for flammable liquids only. There are flammable gas and flammable solid limitations as well but prior approval from the EH&S office must be given before researchers bring flammable solids and flammable gases into Northwest Labs.

Floor Level	Areas	Limit of Class I liquids (liquids with flash points below 100F)	Limit of Class II combustibles (liquids with flash points between 100 F and 140F)	Limit of Class IIIA combustibles (liquids with flash points between 140F and 200F)
4	Control Area 1 (438, 440, 442, 448, 454, 456, 458 & 468 labs)	60 gallons including hazardous waste	60 gallons	160 gallons
4	Control Area 2 (402 and 410 labs)	60 gallons including hazardous waste	60 gallons	160 gallons
3	Control Area 1 (labs 340, 348, 354, 356, 358, 368 and room 338)	240 gallons including hazardous waste	240 gallons including hazardous waste	640 gallons including hazardous waste
3	Control Area 2 (labs 302 and 310 and 328)	240 gallons including hazardous waste	240 gallons including hazardous waste	640 gallons including hazardous waste
2	Control Area 1 (labs 254, 256, 258 and 268)	360 gallons including hazardous waste	360 gallons including hazardous waste	960 gallons including hazardous waste
2	Control Area 2 (labs 240 and 248 and room 238)	360 gallons including hazardous waste	360 gallons including hazardous waste	960 gallons including hazardous waste
2	Control Area 3 (labs 202, 210 and 220, 226 and 228)	360 gallons including hazardous waste	360 gallons including hazardous waste	960 gallons including hazardous waste
1	Control Area 1 (Labs 140 and 158)	480 gallons including hazardous waste	480 gallons including hazardous waste	1280 gallons including hazardous waste
1	Control Area 2 (Chemical Waste room 120.10)	480 gallons including hazardous waste	480 gallons including hazardous waste	1280 gallons including hazardous waste

		hazardous waste		
1	Control Area 3 (Chemical Storage room 168)	480 gallons including hazardous waste	480 gallons including hazardous waste	1280 gallons including hazardous waste
1	Control Area 4 (chemical Storage area 135)	480 gallons including hazardous waste	480 gallons including hazardous waste	1280 gallons including hazardous waste
B1	Control Area 1 (B133 and B145)	90 gallons including hazardous waste (<u>NO</u> storage of flammable liquids. Flammable Liquids for <u>IN USE</u> purposes only)	90 gallons including hazardous waste	960 gallons including hazardous waste
B2	Control Area 1 (Labs B239, B243, B247)	120 gallons including hazardous waste (<u>NO</u> storage of flammable liquids. Flammable Liquids for <u>IN USE</u> purposes only)	240 gallons including hazardous waste	640 gallons including hazardous waste
B3	USE OF FLAMMABLE LIQUIDS IS NOT ALLOWED IN THESE AREAS			
B4	USE OF FLAMMABLE LIQUIDS IS NOT ALLOWED IN THESE AREAS			

IN USE Purposes Defined: Only the amount needed to operate equipment & keep experiments functioning is allowed in area (this amount includes hazardous waste in containers).