

_____ says:

_____ Occupancies containing high hazard contents shall comply with this chapter in addition to other applicable requirements of this *Code*.

_____ For all occupancies not covered by _____ through _____, the maximum allowable quantities of hazardous materials per control area shall be as specified in _____

_____ The maximum allowable quantities of hazardous materials per control area in health care occupancies shall be as specified in _____

_____ A report shall be submitted to the *building official* identifying the maximum expected quantities of hazardous materials to be stored, used in a *closed system* and used in an *open system*, and subdivided to separately address hazardous material classification categories based on _____. The methods of protection from such hazards, including but not limited to *control areas*, fire protection systems and Group H occupancies shall be indicated in the report and on the *construction documents*. The opinion and report shall be prepared by a qualified person, firm or corporation *approved* by the *building official* and provided without charge to the enforcing agency.

_____ There are at least three major sources of concern with regard to nonradioactive hazardous materials unrelated to the intentional use of chemical agents to harm people (see _____). The first is the possibility of a large spill or venting of hazardous materials near the facility; this is especially likely near major rail or truck shipping routes, near pipelines, or near heavy manufacturing plants. Second, every facility contains within its boundaries varying amounts of such materials, especially in the laboratory and custodial areas. A spill of a highly volatile chemical can quickly contaminate an entire structure by way of the air ducts.

Table 60.4.2.1.3 - Fire Barrier and Fire Partition Areas

Barrier	Fire	Minimum	Maximum
Above-grade plane			
9	9	50	
9	7-9	50	
9	4-6	50	
3	3	50	
2	2	75	
		1	75
Below-grade plane			
3	1	75	
Lower than 2nd	NA	NA	NA

NA=Not applicable

Percentages represent the maximum allowable area of fire barrier shown in Table 60.4.2.1.3, with the fire ratings applied to the footnotes of that table.

Fire barriers are required to enclose floors and walls, as necessary, to provide a complete separation from other control areas. (8000; Table

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