

**SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE**

**[F] TABLE 415.11.1.1.1  
QUANTITY LIMITS FOR HAZARDOUS MATERIALS IN A SINGLE FABRICATION AREA IN GROUP H-5<sup>a</sup>**

HAZARD CATEGORY		SOLIDS (pounds per square foot)	LIQUIDS (gallons per square foot)	GAS (cubic feet @ NTP/square foot)	
PHYSICAL-HAZARD MATERIALS					
Combustible dust		Note b	Not Applicable	Not Applicable	
Combustible fiber	Loose Baled	Note b Notes b and c	Not Applicable	Not Applicable	
Combustible liquid	II IIIA IIIB	Not Applicable	0.01 0.02 Not Limited	Not Applicable	
Combination Class	I, II and IIIA		0.04		
Cryogenic gas	Flammable Oxidizing	Not Applicable	Not Applicable	Note d 1.25	
Explosives		Note b	Note b	Note b	
Flammable gas	Gaseous Liquefied	Not Applicable	Not Applicable	Note d Note d	
Flammable liquid	IA IB IC	Not Applicable	0.0025 0.025 0.025	Not Applicable	
Combination Class	IA, IB and IC		0.025		
Combination Class	I, II and IIIA		0.04		
Flammable solid			0.001		Not Applicable
Organic peroxide	Unclassified detonable	Note b Note b 0.025 0.1 Not Limited Not Limited	Not Applicable	Not Applicable	
	Class I				
	Class II				
	Class III				
	Class IV				
	Class V				
Oxidizing gas	Gaseous Liquefied	Not Applicable	Not Applicable	1.25 1.25	
Combination of gaseous and liquefied				1.25	
Oxidizer	Class 4 Class 3 Class 2 Class 1	Note b 0.003 0.003 0.003	Note b 0.03 0.03 0.03	Not Applicable	
Combination Class	1, 2, 3	0.003	0.03		
Pyrophoric materials		0.01	0.00125	Notes d and e	
Unstable (reactive)	Class 4 Class 3 Class 2 Class 1	Note b 0.025 0.1 Not Limited	Note b 0.0025 0.01 Not Limited	Note b Note b Note b Not Limited	
	Water reactive	Class 3 Class 2 Class 1	Note b 0.25 Not Limited	0.00125 0.025 Not Limited	Not Applicable
		HEALTH-HAZARD MATERIALS			
		Corrosives		Not Limited	
Highly toxic		Not Limited	Not Limited	Note d	
Toxics		Not Limited	Not Limited	Note d	

For SI: 1 pound per square foot = 4.882 kg/m<sup>2</sup>, 1 gallon per square foot = 40.7 L/m<sup>2</sup>, 1 cubic foot @ NTP/square foot = 0.305 m<sup>3</sup> @ NTP/m<sup>2</sup>,  
1 cubic foot = 0.02832 m<sup>3</sup>.

- Hazardous materials within piping shall not be included in the calculated quantities.
- Quantity of hazardous materials in a single fabrication shall not exceed the maximum allowable quantities per control area in Tables 307.1(1) and 307.1(2).
- Densely packed baled cotton that complies with the packing requirements of ISO 8115 shall not be included in this material class.
- The aggregate quantity of flammable, pyrophoric, toxic and highly toxic gases shall not exceed the greater of 0.2 cubic feet at NTP/square foot or 9,000 cubic feet at NTP.
- The aggregate quantity of pyrophoric gases in the building shall not exceed the amounts set forth in Table 415.6.2.