A picture containing drawing, food

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| **A**  **PHYSICAL HAZARD** | **B**  **MAXIMUM QUANTITY PER CONTROL AREA** | **C**  **MAXIMUM**  **ALLOWABLE QUANTITY**  **(MAQ)**  **AMOUNT BASIC** | **D**  **MAQ**  **AMOUNT WITH SPRINKLERED BUILDINGS *OR* CABINET** | **E**  **MAQ**  **AMOUNT WITH SPRINKLERED BUILDINGS *AND* CABINET** | **F**  **EXCEEDS MAQ**  **AMOUNT**  **Y N** | **G**  **PERMIT**  **AMOUNT**  **(IFC Section 105.6)** | **H**  **PERMIT REQUIRED**  **Y N** |
| Combustible liquid  Class II  Class III-A  Class III-B |  | 120 gals  330 gals  13,200 gals | 240 gals  660 gals  Any amount in spkr. bldg. or 26,400 gals | 480 gals  1320 gals  Any amount in sprinklered building |  | Class II or III-A  Inside: 25 gals  Outside: 60 gals |  |
| Combustible fiber  (loose)  (baled) |  | 100 cf  1,000 cf | 100 cf  1,000 cf | 100 cf  1,000 cf |  | 100 cf |  |
| Cryogenic, flammable or oxidizing |  | 45 gals | 45 gal  or with spkr. 90 gals | 45 gal  or with spkr. 90 gals |  | See Table 105.6.10  flam 1 gal; ox 10 gal inert 60 gal |  |
| Explosives |  | See table 2703.1.1(1) | See table 2703.1.1(1) | See table 2703.1.1(1) |  | See Chapter 33 |  |
| Fireworks (1.4G) 9 |  | 125 lbs | 250 lbs | 500 lbs |  | See Chapter 33 |  |
| Flammable solid |  | 125 lbs | 250 lbs | 500 lbs |  | 100 lbs |  |
| Flammable gas  (gaseous)  (liquefied) |  | 1,000 cf  15 gals (150 lbs) | 2,000 cf  30 gals (300 lbs) | 4,000 cf  60 gals (600 lbs) |  | 200 cf 4 |  |
| Flammable liquid  Class I-A  Class I-B & I-C  Combination  I-A, I-B, I-C |  | 30 gals  120 gals    120 gals 5 | 60 gals  240 gals    240 gals 5 | 120 gals  480 gals    480 gals 5 |  | Inside: 5 gals  Outside: 10 gals |  |
| Organic peroxide  unclassified  detonable (UD) |  | Auto. Sprk. Required 2 | (solid/liquid) 1 lb 2 | (solid/liquid) 2 lbs |  | Any amount |  |

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**HAZARDOUS MATERIALS WORKSHEET - 2018 INTERNATIONAL FIRE CODE 1**

**INDOOR STORAGE ONLY**

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| **A**  **PHYSICAL HAZARD** | **B**  **MAXIMUM QUANTITY PER CONTROL AREA** | **C**  **MAXIMUM**  **ALLOWABLE QUANTITY**  **(MAQ)**  **AMOUNT BASIC** | **D**  **MAQ**  **AMOUNT WITH SPRINKLERED BUILDINGS *OR* CABINET** | **E**  **MAQ**  **AMOUNT WITH SPRINKLERED BUILDINGS *AND* CABINET** | **F**  **EXCEEDS MAQ AMOUNT**  **Y N** | **G**  **PERMIT**  **AMOUNT** | **H**  **PERMIT REQUIRED**  **Y N** |
| Inert Gas  Cryogenic Inert |  | Not Applicable/Limited | Not Applicable/Limited | Not Applicable/Limited |  | 6000 cf or 60 gallons |  |
| Organic peroxide  Class I  Class II  Class III  Class IV  Class V |  | (solid/liquid) 5 lbs  (solid/liquid) 50 lbs  (solid/liquid) 125 lbs  Not Limited  Not Limited | (solid/liquid) 10 lbs  (solid/liquid) 100 lbs  (solid/liquid) 250 lbs  Not Limited  Not Limited | (solid/liquid) 20 lbs  (solid/liquid) 200 lbs  (solid/liquid) 500 lbs  Not Limited  Not Limited |  | Any amount  Any amount  10 lbs/1 gal  20 lbs/2 gals  No Permit Required |  |
| Oxidizer  Class 4  Class 3  Class 2  Class 1 |  | Auto. Spkr. Required 2  (solid/liquid) 10 lbs  (solid/liquid) 250 lbs  (solid/liquid) 4000 lbs  . | (solid/liquid) 1 lb 2  (solid/liquid) 20 lbs  (solid/liquid) 500 lbs  (solid/liquid) 8000 lbs  Class 1 N.L. with spkr. | (solid/liquid) 2 lbs 2  (solid/liquid) 40 lbs  (solid/liquid) 1000 lbs  (solid/liquid) 16,000lbs  Class 1 N.L. with spkr. |  | Any amount  10 lbs/1 gal 8  100 lbs/10 gals  500 lbs/55 gals |  |
| Oxidizer - gas  (gaseous)  (liquefied) |  | 1500 cf  15 gals (150 lbs) | 3000 cf  30 gals (300 lbs) | 6000 cf  60 gals (600 lbs) |  | 504 cf |  |
| Pyrophoric |  | Auto. Spkr. Required 2  Auto. Spkr. Required 2 | (solid/liquid) 4 lbs2  (gas) 50 cf | (solid/liquid) 8 lbs  (gas) 100 cf |  | Any amount solid/liquid/gas |  |
| Unstable (reactive)  Class 4  Class 3  Class 2  Class 1 |  | Auto. Spkr. Required 2  Auto. Spkr. Required 2  (solid/liquid) 5 lbs  (gas) 50 cf  (solid/liquid) 50 lbs  (gas)250 cf  (solid/liquid) Not limited  (gas) Not Limited | (solid/liquid) 1 lb 2  (gas) 10 cf  2  (solid/liquid) 10 lbs  (gas) 100 cf  (solid/liquid) 100 lbs  (gas) 500 cf  (solid/liquid) Not limited  (gas) Not Limited | (solid/liquid) 2 lbs  (gas) 20 cf  (solid/liquid) 20 lbs  (gas) 200 cf  (solid/liquid) 200 lbs  (gas) 1000 cf  (solid/liquid) Not limited  (gas) Not Limited |  | Any amount solid/liquid/gas  Any amount solid/liquid/gas  50 lbs/5 gals  Any amount gas  100 lbs/10 gals  Any amount gas |  |
| Water reactive  Class 3  Class 2  Class 1 |  | (solid/liquid) 5 lbs  (solid/liquid) 50 lbs  Not Limited | (solid/liquid) 10 lbs  (solid/liquid) 100 lbs  Not Limited | (solid/liquid) 20 lbs  (solid/liquid) 200 lbs  Not Limited |  | Any amount solid/liquid  50 lbs/5 gals  500 lbs/55 gals |  |

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**HAZARDOUS MATERIALS WORKSHEET - 2018 INTERNATIONAL FIRE CODE 1**

**INDOOR STORAGE ONLY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A  **HEALTH HAZARDS** | **B**  **MAXIMUM QUANTITY PER CONTROL AREA** | **C**  **MAXIMUM**  **ALLOWABLE QUANTITY**  **(MAQ)**  **AMOUNT BASIC** | **D**  **MAQ**  **AMOUNT WITH SPRINKLERED BUILDINGS *OR* CABINET** | **E**  **MAQ**  **AMOUNT WITH SPRINKLERED BUILDINGS *AND* CABINET** | **F**  **EXCEEDS MAQ AMOUNT**  **Y N** | **G**  **PERMIT**  **AMOUNT** | **H**  **PERMIT REQUIRED**  **Y N** |
| Corrosives  (solid)  (liquid)  (gas) |  | 5000 lbs  500 gals  gaseous 810 cf  150 cf liquefied gas | 10,000 lbs  1000 gals  gaseous 1620 cf  300 cf liquefied gas | 20,000 lbs  2000 gals  gaseous 1620 cf  300 cf liquefied gas |  | 500 lbs  55 gals  200 cf |  |
| Highly toxics |  | (solid/liquid) 10 lb  gaseous 20 cf  [4 cf liquefied gas if gas cab/ex.en.] | (solid/liquid) 20 lbs  gaseous 40 cf  [8 cf liquefied gas if gas cab/ex.en.] 6 | (solid/liquid) 40 lbs  gaseous 40 cf  [8cf liquefied gas if gas cab/ex.en.] |  | Any amount solid/liquid/gas |  |
| Toxics  (solid/liquid)  (gas) |  | 500 lbs  gaseous 810 cf  150 cf liquefied gas | 1000 lbs  gaseous 1620 c  300 cf liquefied gas | 2000 lbs  gaseous 3240 cf  600 cf liquefied gas |  | 100 lbs/10 gals  Any amount |  |
| **OTHER HAZ** |  |  |  |  |  |  |  |
| Aerosol  Level 3  Level 2  Combination  2 and 3 |  | 500 lbs  1,000 lbs    1,000 lbs | with cabinet 1,000 lbs  with cabinet 2,000 lbs    with cabinet 2,000 lbs | with cabinet 1,000 lbs  with cabinet 2,000 lbs    with cabinet 2,000 lbs |  | Level 2/3 > 500 lbs |  |
| Compressed Gas Inert & Simple Asphyxiant |  | Not Limited | Not Limited | Not Limited |  | 6,000 cf |  |

1. The use of this form does not relieve the applicant from a duty and responsibility to review IFC tables 2703.1.1(1) and 2703.1.1(2). For S and M Occupancies See Chapter 27, section 2703.11, table 2703.11.1, section 3404.3.4.1 and table 3404.3.4.1.
2. Permitted in sprinklered buildings only. None is allowed in unsprinklered buildings.
3. One pound (.454 kg) of black sporting powder and 20 pounds (9 kg) of smokeless powder are permitted in sprinklered or unsprinklered buildings (see section 3301.1(4))
4. Except cryogenic fluids and liquefied petroleum gases.
5. Combinations shall not contain more than the exempt amounts of any individual class.
6. Permitted only when located in approved gas cabinets, exhausted enclosures, or gas rooms.
7. For anhydrous ammonia cylinders see the Fire Code table 2703.1.1(2).
8. See table 105.6.20 (20/200).
9. Class C, Consumer Fireworks (1.4G).