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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 liquidClass IIClass III-AClass III-B |  | 120 gals330 gals13,200 gals | 240 gals660 galsAny amount in spkr. bldg. or 26,400 gals | 480 gals1320 galsAny amount in sprinklered building |  | Class II or III-AInside: 25 galsOutside: 60 gals |  |
| Combustible fiber(loose)(baled) |  | 100 cf1,000 cf | 100 cf1,000 cf | 100 cf1,000 cf |  | 100 cf |  |
| Cryogenic, flammable or oxidizing |  | 45 gals | 45 galor with spkr. 90 gals | 45 galor with spkr. 90 gals |  | See Table 105.6.10flam 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 cf15 gals (150 lbs) | 2,000 cf30 gals (300 lbs) | 4,000 cf60 gals (600 lbs) |  | 200 cf 4 |  |
| Flammable liquidClass I-AClass I-B & I-CCombinationI-A, I-B, I-C |  | 30 gals120 gals 120 gals 5 | 60 gals240 gals 240 gals 5 | 120 gals480 gals 480 gals 5 |  | Inside: 5 galsOutside: 10 gals |  |
| Organic peroxideunclassifieddetonable (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 GasCryogenic Inert |  | Not Applicable/Limited | Not Applicable/Limited | Not Applicable/Limited |  | 6000 cf or 60 gallons |  |
| Organic peroxideClass IClass IIClass IIIClass IVClass V |  | (solid/liquid) 5 lbs(solid/liquid) 50 lbs(solid/liquid) 125 lbsNot LimitedNot Limited | (solid/liquid) 10 lbs(solid/liquid) 100 lbs(solid/liquid) 250 lbsNot LimitedNot Limited | (solid/liquid) 20 lbs(solid/liquid) 200 lbs(solid/liquid) 500 lbsNot LimitedNot Limited |  | Any amountAny amount10 lbs/1 gal20 lbs/2 galsNo Permit Required |  |
| OxidizerClass 4Class 3Class 2Class 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 lbsClass 1 N.L. with spkr. | (solid/liquid) 2 lbs 2(solid/liquid) 40 lbs(solid/liquid) 1000 lbs(solid/liquid) 16,000lbsClass 1 N.L. with spkr. |  | Any amount10 lbs/1 gal 8100 lbs/10 gals500 lbs/55 gals |  |
| Oxidizer - gas(gaseous)(liquefied) |  | 1500 cf15 gals (150 lbs) | 3000 cf30 gals (300 lbs) | 6000 cf60 gals (600 lbs) |  | 504 cf |  |
| Pyrophoric |  | Auto. Spkr. Required 2Auto. 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 4Class 3Class 2Class 1 |  | Auto. Spkr. Required 2Auto. 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/gasAny amount solid/liquid/gas50 lbs/5 galsAny amount gas100 lbs/10 galsAny amount gas |  |
| Water reactiveClass 3Class 2Class 1 |  | (solid/liquid) 5 lbs(solid/liquid) 50 lbsNot Limited | (solid/liquid) 10 lbs(solid/liquid) 100 lbsNot Limited | (solid/liquid) 20 lbs(solid/liquid) 200 lbsNot Limited |  | Any amount solid/liquid50 lbs/5 gals500 lbs/55 gals |  |

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

**INDOOR STORAGE ONLY**

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| 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 lbs500 galsgaseous 810 cf150 cf liquefied gas | 10,000 lbs1000 galsgaseous 1620 cf300 cf liquefied gas | 20,000 lbs2000 galsgaseous 1620 cf300 cf liquefied gas |  | 500 lbs55 gals200 cf |  |
| Highly toxics |  | (solid/liquid) 10 lbgaseous 20 cf[4 cf liquefied gas if gas cab/ex.en.] | (solid/liquid) 20 lbsgaseous 40 cf[8 cf liquefied gas if gas cab/ex.en.] 6 | (solid/liquid) 40 lbsgaseous 40 cf[8cf liquefied gas if gas cab/ex.en.] |  | Any amount solid/liquid/gas |  |
| Toxics(solid/liquid)(gas) |  | 500 lbsgaseous 810 cf150 cf liquefied gas | 1000 lbsgaseous 1620 c300 cf liquefied gas | 2000 lbsgaseous 3240 cf600 cf liquefied gas |  | 100 lbs/10 galsAny amount |  |
| **OTHER HAZ** |  |  |  |  |  |  |  |
| AerosolLevel 3Level 2Combination2 and 3 |  | 500 lbs1,000 lbs 1,000 lbs | with cabinet 1,000 lbswith cabinet 2,000 lbs with cabinet 2,000 lbs | with cabinet 1,000 lbswith 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).