Exception: For the purpose of this article, carcinogens, irritants and sensitizers do not include commonly used building materials and consumer products which are not otherwise regulated elsewhere in this code.

The classification system referenced in Division II shall apply to all hazardous materials regulated elsewhere in this code.

## § 80.103.

(a) General. Permits are required to store, dispense, use or handle hazardous material in excess of quantities specified in Section 4.108.

A permit is required when a material is classified as having more than one hazard category if the quantity limits are exceeded in any category.

Permits are required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility or other area regulated by this article. See also Sections 80.110 and 80.111.

- (b) Hazardous Materials Business Plan. 1. Application. Each application for a permit required by this article shall include a hazardous materials business plan (HMBP) in accordance with Part 2 of Chapter 2.20 of Title 2 of this code. (2)—Reporting. Every business shall comply with the reporting requirements as set forth in Part 2 of Chapter 2.20 of Title 2 of this code.
- (c) Hazardous Materials Inventory Statement. Each application for a permit required by this article shall include a hazardous materials inventory statement (HMIS) in accordance with Part 2 of Chapter 2.20 of Title 2 of this code.
- (d) Risk Management and Prevention Program. Every business shall comply with the requirements as set forth in Part 2 of Chapter 2.20 of this code.
- (e) Emergency Information. Hazardous materials business plans, risk management prevention programs and hazardous materials inventory statements shall be posted in an approved location and immediately available to emergency responders. The chief may require that the information be posted at the entrance to the occupancy or property. (Ord. 93–0044 § 100, 1993.)

### § 80.201.

Hazardous materials shall be divided into hazard categories. The categories include materials regulated under this article and materials regulated elsewhere in this code.

#### §80.202.

- (a) Physical Hazards. The materials listed in this subsection are classified as physical hazards. A material with a primary classification as a physical hazard can also present a health hazard.
- 1. Explosives and blasting agents, regulated elsewhere in this code.
- 2. Compressed gases, regulated in this article and elsewhere in this code.
- 3. Flammable and combustible liquids regulated elsewhere in this code.
- 4. Flammable solids.
- 5. Organic peroxides.
- 6. Oxidizers.
- 7. Pyrophoric materials.
- 8. Unstable (reactive) materials.
- 9. Water-reactive solids and liquids.
- 10. Cryogenic fluids, regulated under this article and elsewhere in this code.
- (b) Health Hazards. The materials listed in this subsection are classified as health hazards. A material with a primary classification as a health hazard can also present a physical hazard.
- 1. Highly toxic or toxic materials, including highly toxic or toxic compressed gases.
- 2. Radioactive materials.
- 3. Corrosives.
- 4. Carcinogens, irritants, sensitizers and other health hazards.

### § 80.203.

For descriptions and examples of materials included in hazard categories, see Appendix VI–A.

Appendix VI–A—[available in RSPA Dockets Unit]

# § 80.301.

(a)(2) Quantities exceeding exempt amounts. Storage of hazardous materials, in containers, cylinder and tanks, in excess of the exempt amounts specified in Sections 80.302 through 80.315 shall be in accordance with this division. Tank vehicles and railroad tank cars shall not be used as storage tanks. Unloading operations shall be in accordance

with Section 79.808 [sic] [Should read "Section 79.809"]. (Ord. 93–0044 § 104, 1993.)

(b)(1) Containers and Tanks. Design and construction. Containers and tanks shall be designed and constructed in accordance with nationally recognized standards. See Section 2.304(b).

### § 80.402.

(b)(3)(G)(i) [Indoor dispensing and use] [Closed Systems] Special requirements for highly toxic and toxic compressed gases. Ventilation and storage arrangement. Compressed gas cylinders in use shall be within ventilated gas cabinets, laboratory fume hoods, exhausted enclosures or separate gas storage rooms. When portable or stationary tanks are utilized in use or dispensing, they shall be within a ventilated separate gas storage room or placed within an exhausted enclosure.

(c)(8)(A) [Exterior Dispensing and Use] Special requirements for highly toxic or toxic compressed gases. Ventilation and storage arrangement. When cylinders or portable containers are used out-of-doors, gas cabinets or a locally exhausted enclosure shall be provided.

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### § 4.108.

(c)(8). Cryogens. Except where federal or state regulations apply and except for fuel systems of the vehicle, to produce, store or handle cryogens in excess of the amounts listed in Table No. 4.108–B.

## § 9.105.

Cryogenic Fluid is a fluid that has a normal boiling point below  $150^{\circ}F$ .

### § 75.101

Storage, handling and transportation of cryogenic fluids shall be in accordance with this article.

For quantity limits for storage in buildings, see Section 80.311.

### § 75.103.

(a) Classification. Cryogenic fluids shall be classified according to Table No. 75.103-A.

# TABLE NO. 75.103–A.—CLASSIFICATION OF CRYOGENIC FLUIDS

Flammable	Nonflammable	Corrosive/highly toxic	Oxidizer
Carbon Monoxide  Deuterium  Ethylene  Hydrogen  Methane.	Argon Helium	Nitric oxide.	Fluorine. Nitric oxide. Oxygen.

<sup>&</sup>lt;sup>1</sup> Heavy hydrogen is treated as hydrogen in this article.

### §75.104.

For a permit to store, handle or transport cryogens, see Section 4.108.

Exception: Permits are not required for vehicles properly equipped for and using

cryogenic fluids as the primary fuel for propelling the vehicle or for refrigerating the lading.

### § 75.105.

(a) General. Containers, equipment and devices used for the storage, handling and transportation of cryogenic fluids shall be of a type, material and construction approved