



## SUPPLEMENTAL RULES & REGULATIONS

Number:	18-5003.4.1		
Subject:	Hazardous Materials Reporting		
Code:	2018 International Fire Code	Code Section:	5003.4.1
Effective Date:	12/7/2013	Revision Date:	3/6/2024
Issued By:	Tim Simanton		

### SCOPE:

#### **2018 International Fire Code Amended Section 5003.4.1 Electronic Filing**

In addition to the general authority granted to the fire code official pursuant to Section 104.1, the fire code official is hereby authorized to establish procedures regarding the submittal of information regarding hazardous materials\* and requiring persons possessing or storing hazardous materials to electronically file. The fire code official may require an approved hazardous materials management plan.

The 2018 International Fire Code provides additional requirements for hazardous materials that exceed certain quantities based on chemical classification, occupancy type, storage, and usage. Any business that exceeds the quantities listed below shall be required to electronically file. This requirement shall be for all new and existing businesses. The Town of Gilbert utilizes the Arizona Department of Environmental Quality (AZDEQ) website <https://is.azdeq.gov/> for all electronic filing, tracking, and reporting requirements.

\* A **hazardous material**, as defined by the Fire Code, is any solid, liquid, or gas that can harm people or other living organisms, property, or the environment. A hazardous material may be radioactive, flammable, explosive, toxic, corrosive, bio-hazardous, oxidizer, asphyxiant, allergen, or may have other characteristics that make it hazardous in specific circumstances.

### GENERAL:

**State of Arizona Tier Two reporting requirements are as follows:** Minimum thresholds have been established for Tier Two reporting under Title III, Section 312, and these thresholds are as follows: For Extremely Hazardous Substances (EHS) designated under section 302 of Title III, the reporting threshold is 500 pounds (227kg) or the threshold planning quantity (TPQ), whichever is lower. For all other hazardous chemicals for which facilities are required to have or prepare an SDS, the minimum reporting threshold is 10,000 pounds (4,540kg)



Electronic filing at the AZDEQ site is specific to the chemical name, not the product name.

- Example: Clorox Bleach, this would be specific to the base chemical name reported as sodium hypochlorite 3 – 5% aqueous solution, not Clorox Bleach.

Electronic filing is based on the aggregate amount of each specific hazardous material or chemical name. It is not based on the aggregate amount of a combination of chemicals.

- Example: 75 cubic feet of acetylene and 300 cubic feet of carbon monoxide, only the carbon monoxide would be required to be reported. Even though the aggregate total is over 200 cubic feet of gas, the reportable quantity is based on the individual hazardous material.

## **GILBERT FIRE & RESCUE REQUIRED HAZARDOUS MATERIAL REPORTING**

The limits below are based on each individual chemical, and electronic filing is required for hazardous materials threshold limits that are above the following:

**55 GALLONS OF A LIQUID  
200 CUBIC FEET OF A GAS  
500 POUNDS OF A SOLID  
2,500 POUNDS OF AEROSOLS**

All facilities that are designated as a Group H occupancy are required to electronically file.

The Gilbert Fire Department shall have the discretion, based on unique circumstances that affect the community's health and safety, to require any business to electronically file and submit a facility emergency response plan (FERP).