



TECHNICAL POLICY

13 – 02 Sprinkler Design Based on Occupancy

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1. **Sprinkler design densities and remote areas are to meet the requirements found in NFPA standards and the Minnesota State Fire Code (for flammable & combustible liquids).**
2. **The following occupancy classifications are clarifications to those found in NFPA #13:**
 - a. Speculative warehouse (no high piled storage) or buildings where the occupancy is not certain = **ordinary hazard group 2 with minimum 3,000 sq. ft. remote area**
 - b. General storage rooms that are incidental to another occupancy = **ordinary hazard group 2**
 - c. Mechanical rooms = **ordinary hazard group 1**
 - d. Pharmacy areas = **ordinary hazard group 2**
 - e. Loading docks = **not less than ordinary hazard group 2**
 - f. Retail shops = **ordinary hazard group 2**
 - g. Grocery stores = **ordinary hazard group 2**
 - h. Laboratories = **ordinary hazard group 2**, unless containing large amounts of flammable or combustible liquids
 - i. Hotel ballrooms = **ordinary hazard group 2**
 - j. Convention centers = **ordinary hazard group 2**
 - k. Mall areas and tenant spaces of shopping malls = **ordinary hazard group 2**
 - l. Tenant spaces in skyway level of buildings = **ordinary hazard group 2**
 - m. Gymnasiums = **see MFD policy # 13-04**
 - n. Truck and trailer storage = **extra hazard group 2**
 - o. Fuel oil or Diesel fuel storage = **extra hazard group 2**