

Wisconsin Commercial Building Inspector Certification  
Chapter 3 and 4 Practice Questions

Worksheet Answer Key 1

Chapter 3

Gathering of persons for purposes such as civic or social function are classified as **assembly**. 303.1

An exothermic reaction which progresses through the unburned material at a rate less than the velocity of sound is **deflagration**. 307.2

Spaces within a building where quantities of hazardous materials do not exceed the maximum allowable quantities per table 307.1(1) are **control areas**. 307.2

Child care facilities shall be classified as **Group E** providing care for more than five but no more than 100 children 2  $\frac{1}{2}$  years or less of age located on the level of exit discharge and each room has an exit door directly to the exterior. 308.5.2

Buildings or structures shall be classified as **Group H1** containing materials that pose a detonation hazard. 307.3

**Low-hazard storage, Group S2** include among others, buildings use for the storage of noncombustible materials. 311.3

Educational occupancies for students above the 12<sup>th</sup> grade are classified as **Group B**. 304.1

A room or space used for assembly purposes by fewer than **50** persons and accessory to another occupancy shall be included as part of that occupancy. 303.1

What is the occupancy classification for a church? **A3**

What is the occupancy classification for a car wash? **B**

What is the occupancy classification for a power house? **F1**

What is the occupancy classification for an apartment building? **R2**

What is the occupancy classification for an open parking garage? **S2**

## **Chapter 4**

A **MALL** is defined as a roofed or covered common pedestrian area within a building that serves as access for two or more tenants and not to exceed three levels that are open to each other. **402.2**

Within each individual tenant space in a covered mall building, that maximum distance of travel from any point to an exit or entrance to the mall shall not exceed **200** feet. **402.4.4**

The provisions of the high rise section shall apply to buildings having occupied floors located more than **75** feet above the lowest level of fire department vehicle access. **403.1**

According to Wisconsin statutes an automatic sprinkler system must be installed throughout every building that is more than **60** feet high.

An opening connecting two or more floor levels is an **ATRIUM**. **404.1**

Design and number of control areas can be found in section **414** and table **414.2.2**.

Group "H" occupancies are addressed in section **415**.

Control areas shall be separated from each other by **fire barriers**. **414.2.1**

Group H occupancies shall be provided with an **automatic fire detection system** in accordance with section 907.2. **414.5.3**

The area of openings in the exterior walls on an open parking structure tier must be at least **20 percent** of the total perimeter wall area of each tier. **406.3.3.1**