



## 1.7. Occupancies and Types of Buildings

### 1.7.41. High Rise Building

The occupancies or Multiple and Mixed occupancies, facilities, buildings and structures having total height of the building (excluding roof parapets) is between 23 Meters to 90 meters from the lowest grade or lowest level of Fire Service access into that occupancy is categorized as Highrise Building.

### 1.7.42. Super High Rise Building

The occupancies or Multiple and Mixed occupancies, facilities, buildings and structures having total height of the building (excluding roof parapets) is more than 90 meters from the lowest grade or lowest level of Fire Service access into that occupancy is categorized as Superhighrise Building.

### 1.7.43. Underground Building or Structure

A structure or portion of a structure in which the floor level is below the level of exit discharge.

### 1.7.44. Low Depth Underground Building

An underground structure or a building up to 7 m below or having up to two basements below the level of exit discharge.

### 1.7.45. High Depth Underground Building

An underground structure or a building more than 7 m below or having more than two basements below the level of exit discharge.

### 1.7.46. Multiple Occupancies Protected as Mixed Occupancies

A building, structure or facility where more than one classes of occupancies exist is noted as Multiple occupancy. Occupancies are often mixed and their exits are intermingled with one type of occupancy located and associated with other classes of occupancies, facilities, buildings and structures without a definite Fire Barrier or with intermingling exits such as Offices located in Showrooms, Shopping Centers, Souks, industrial facilities or hospitals. Mixed occupancies are combinations of various Hazard Content and Hazard categories. Accordingly the code application in such occupancies is based on the most stringent requirements.

### 1.7.47. Separated Multiple Occupancies as Protected Occupancies

A building, structure or facility which houses multiple occupancies similar to 'Mixed Occupancies' but with definite Fire Barriers, distinctive separate Exit Access and Exits, 'separating' the different classes of occupancies from each other.

### 1.7.48. Occupancy Hazard

Hazard Content and Hazard evaluation for the occupancies differ based on the material involved and its burning characteristics. Civil Defence has approached the occupancy hazards based on the life safety, risk involved and fire protection system requirements **and** categorized the types of occupancies further into Group A, Group B and Group C occupancies.