

Wisconsin Commercial Building Inspector Certification
Chapter IBC 10 Practice Questions

Answer Key 9

Chapter 10

An area where persons unable to use stairways can remain temporarily to await instructions or assistance is called the **AREA OF REFUGE**.

An enclosed exit access component that defines and provides a path of egress travel to an exit is referred to as a **CORRIDOR**.

What are the three means of egress components? **EXIT ACCESS, EXIT AND EXIT DISCHARGE**.

EXIT DISCHARGE is that portion of a means of egress system between the termination of an exit and public way.

Floor area used to determine occupant load is based on one of two methods which are **GROSS** or **NET**.

MEANS OF EGRESS is the continuous and unobstructed path of vertical and horizontal egress travel from any point in a building to a public way.

For areas without fixed seating, the occupant load shall not be less than that number determined by dividing the floor area under consideration by the occupant per unit area factor assigned to the occupancy as set forth in **Table 1004.1.1**.

The maximum designed occupant load based on an assembly space with movable seating is **5 NET SF PER PERSON**.

The maximum floor area allowance per occupant for a business is **100 GROSS SF PER PERSON**.

The maximum floor area allowance per occupant for the basement of a store is **30 GROSS SF PER PERSON**.

The occupant load of **OUTDOOR SEATING AREAS** shall be based on the anticipated use.

Egress width for a stair in a mercantile occupancy will be **.3 INCHES PER OCCUPANT** in an unsprinklered building.

Egress width for a stair in business occupancy will be **.2 INCHES PER OCCUPANT** in a sprinklered building.

The means of egress shall have a ceiling height of not less than **7' – 6"**.

Where the difference in elevation is **6 INCHES OR LESS**, the ramp shall be equipped with either handrails or floor finish materials that contrast.

The path of egress travel along a means of egress shall not be interrupted by any building element other than **MEANS OF EGRESS COMPONENTS**.

Exit sign placement shall be such that no point in an exit access corridor is more than **100 FEET** from the nearest visible exit sign.

Exit signs can be illuminated either **INTERNALLY OR EXTERNALLY**.

90 MINUTES is the minimum illumination time for an exit sign during primary power loss.

The minimum egress illumination level is **1-FOOT CANDLE**.

90 MINUTES is the minimum illumination time for egress illumination during primary power loss.

Guards are required where the difference in floor levels exceeds **30 INCHES**.

Guards shall be a protective barrier not less than **42 INCHES** measured **VERTICALLY** from the leading edge of the tread or adjacent walking surface.

Where more than **ONE** means of egress is required from any accessible space, each accessible portion of the space shall be served by not less than **TWO** accessible means of egress.

The minimum clear width of an egress door is **32"**.

Egress doors shall swing **IN THE DIRECTION OF EGRESS** when serving an occupant load of **50** or more.

Stair riser heights shall be **7" MAXIMUM** and **4" MINIMUM**.

11" is the minimum tread depth.

Handrails shall be not less than **34" HIGH** and not more than **38" HIGH**.