

**Ch. 1 – Administration.** Provisions for existing buildings removed and now entirely in IEBC (2015)

**Ch. 3 – Occupancy Classification and Use.** Institutional I-1 and I-2 and R-4 Occupancies have new subgroups for “Condition 1” and “Condition 2” with definitions and unique requirements for each.

**Ch. 4 – Special Detailed Requirements Based on Occupancy.**

- a. Group I-2, Condition 2 (Hospitals) Smoke Compartments increased in size to 40,000 SF.
- b. Medical Gas provisions added to IBC (2015).

**Ch. 5 – General Building Heights and Areas.** Extensively reformatted (2015) with new Allowable Building Height and Area Tables with values for Sprinklered/NonSprinklered buildings (no longer a formula).

**Ch. 9 – Fire Protection and Life Safety Systems.**

- a. Draft Curtain Board requirements in large Group S and F occupancies removed from IBC (2015).
- b. Carbon Monoxide (CO) detectors added in Group R and I Occupancies (2015).

**Ch. 10 – Means of Egress.**

- a. Occupant Load Factor (OLF) for regular business office areas changed from 1:100 to 1:150 occupants per SF (will result in reduced occupant loads/fewer plumbing fixtures).
- b. OLF for Mercantile retail occupancies changed from 1:30 to 1:60 (2015).
- c. Concentrated Business use areas added at OLF 1:50 (Call Centers, Trading Floors, etc.).
- d. Battery backup power required for lighting in Electrical Rooms and Fire Pump Rooms (2015).
- e. Exterior exit discharge illumination required to Public Way or Safe Dispersal Area (no backup power required) (2015).
- f. New door locking arrangements allowed in Group E and B Educational Facilities.
- g. Closet doors that latch are to be openable from the inside (2015).
- h. New door locking arrangements recognized for electrically monitored/recorded egress, delayed egress, electrically locked doors, and controlled egress on Group I-1 and I-2.
- i. Recognition of Alternating Tread Devices, Ships Ladders, and Ladders for limited uses (access to unoccupied roofs, mezzanines in some occupancies, etc.) (2015).
- j. Listed fall arrest anchorage devices allowed in lieu of guards for mechanical equipment and roof hatches close to roof edges.
- k. Travel distance increased to 400 feet in Group F-1 and S-1 under certain conditions (2015).

**Ch. 16 – Structural Design.**

- a. Design Wind Speed decreased from 115 mph to 99 mph, Basic Wind Speed (Ultimate/Strength Level) for all locations in City of Yuma.

- b. Seismic Design Forces decreased for all locations in City of Yuma. All locations in City of Yuma to be considered as Seismic Design Category “D” for seismic force resisting systems and detailing.
- c. Live Load for Balconies/Decks increase to 1.5 x Live Load of occupancy served (max. 100 psf).
- d. Added loading requirements for fall arrest anchorage devices.

#### **Ch. 17 – Special Inspections and Tests.**

- a. Clarification that Special Inspections are required during shop fabrication unless fabricator is an approved fabricator, with listed criteria (2015).
- b. Additional items for submittal to the Building Official during Construction (Cert’s. of Compliance, etc.) (2015).
- c. Periodic Special Inspections required for steel joists, for end connections and bridging (2015).

#### **Ch. 23 – Wood.**

- a. Added references for Log Structures, Cross-Laminated Timbers, and Engineered Wood Rim Boards (new recognized materials).
- b. Clarification for fire-retardant-treated wood for pressure treatment and labeling requirements.
- c. Added 8d Common Nails and Ring Shank Nails for attachment of roof sheathing.
- d. Added detailing requirements for impermeable floors and ventilation requirements for wood permeable floors/roofs (balconies, decks, etc.).

#### **Ch. 29 – Plumbing Fixtures.**

- a. New exception that a single, unisex toilet room is permitted in Business Occupancies with an occupant load of 25 and fewer.
- b. Public access to toilet rooms not required for “quick service” facilities, (quick transactions, pick-up, drop-off, etc.) where the public access space is 300 SF or less (2015).
- c. Clarification added from IPC that toilet rooms cannot open into a kitchen used for food service preparation to the public (2015).

#### **Ch. 30 – Elevators and Conveying Systems.**

- a. Elevator hoistway venting is no longer required (2015).
- b. New requirements for communications systems in elevators for deaf, hearing, and speech impaired persons.

#### **Ch. 31 – Special Construction.**

- a. Awnings and canopy materials, additional fire resistance listings/compliance options added.
- b. Commercial pool requirements removed from the IBC (New Int’l. Pool & Spa Code) (2015).
- c. Added new provisions for solar energy systems and relocatable buildings.