

Electrified Hardware Code Update

ACROSS

- 2 Recent changes to the I-Codes clarify that interior stairway doors that are lockable on the stair side must have fail _____ electrified locks.
- 5 When a sensor release lock is installed, the model codes require a manual release device (auxiliary push button) marked " _____ to exit."
- 9 The model code sections addressing sensor release and door hardware release applications typically apply to doors with _____-locks.
- 11 When panic hardware is equipped with the electric _____ retraction feature, the latch is retracted when power is applied.
- 12 The fire code published by the International Code Council is the _____, or International Fire Code.
- 13 The building code adopted in the majority of US states is the International Building Code (_____).
- 15 The 2024 I-Codes no longer permit _____ release locks on doors that are required to have panic hardware.
- 17 Beginning with the 2018 I-Codes, _____ egress locks are permitted on classroom doors serving a calculated occupant load of less than 50 people.

- 21 When a switch in the panic hardware or sensor bar releases an electromagnetic lock, the code requirements are found in the section addressing _____ hardware release.
- 22 When a stairway fire door is required to allow re-entry back into the building, an electric _____ should not be used.
- 23 When a delayed egress lock is installed on an inswinging door, the model codes require signage stating, " _____ until alarm sounds. Door can be opened in 15 seconds."
- 24 A delayed egress lock may have a 30-second delay (instead of the typical 15-second delay) if approved by the _____.

DOWN

- 1 In a health care unit where patients require containment for safety or security, _____ egress locks are allowed by the current model codes.
- 3 The 2024 I-Codes now include a section allowing fail safe locks to be used on _____ lobby doors, if certain criteria are met.
- 4 The _____ Codes, Government, and Industry Affairs Committee is very active in the development of the codes and standards related to door openings.

- 6 Where special locking arrangements are required to be listed to UL 294, the model codes now allow a _____ 1034 listing as an alternative.
- 7 Beginning with the 2021 edition, the IBC requires automatic operators on accessible _____ entrances serving buildings of certain use groups and occupant loads.
- 8 Three examples of _____ locking arrangements are delayed egress locks, controlled egress locks, and sensor release locks.
- 9 In the 2024 I-Codes, language addressing access control doors with normal locking arrangements is now included in the section for _____ or recorded egress.
- 10 The I-Codes now require lockable interior stairway doors to automatically unlock on the stair side under _____ different conditions.
- 14 Fail _____ electrified hardware allows access when power is applied, and typically allows free egress.
- 16 When electrified hardware allows free egress it is not considered a special locking arrangement, it is a _____ locking arrangement.
- 18 A change made to the 2018 I-Codes allows delayed egress locks on courtroom doors other than the main _____ if the the building is equipped throughout with an automatic sprinkler system.
- 19 The standards for automatic operators that are referenced by the model codes are _____/BHMA A156.10, A156.19, and A156.38.
- 20 When an existing fire door is retrofitted with electrified hardware, the modification must comply with the _____ 80 standard.
- 22 Detailed information about special locking arrangements can be found by visiting iDigHardware.com/ _____.