

Decoded Class 4 – Electrified Hardware

To receive your certificate for continuing education credits, mark your answers and submit via email (lori.greene@allegion.com) or fax (866-422-7884).

1) For doors where stairwell reentry is required, which product is the correct hardware to use?

- a) electric latch retraction device
- b) electrified panic hardware trim or electric mortise lock
- c) electric strike
- d) delayed egress lock

2) Secure doors meeting stairwell reentry requirements must have what type of product?

- a) fail safe
- b) fail secure
- c) delayed egress device
- d) passage set

3) When push/pull function is needed for a fire door, what is the correct product to use?

- a) fail safe electric strike
- b) fail secure electric lock
- c) delayed egress device
- d) electric latch retraction device

4) Which application must meet the requirements of the IBC and NFPA 101 sections called Access Controlled Egress Doors?

- a) all doors with access control
- b) electromagnetic locks released by door-mounted hardware
- c) electromagnetic locks released by a motion sensor
- d) electric latch retraction devices on fire doors

5) NFPA 101 and the IBC's requirements for delayed egress differ. Choose from the list below all of the requirements that are different between the two sets of requirements.

- a) method of rearming the device
- b) length of time between initiation and release
- c) number of seconds to activate 15-second timer
- d) occupancy types where delayed egress locks are allowed
- e) the requirement for signage to be present

6) The IBC does not include a special section for elevator lobby locks, but a section was added to NFPA 101 in the 2009 edition. What type of hardware would meet NFPA 101's requirements?

- a) fail secure electric strike
- b) fail safe electric lock
- c) electric latch retraction
- d) fail secure electric lock

7) The code requirements for Electromagnetically Locked Egress Doors apply to which product applications?

- a) all doors with mag-locks
- b) mag-locks which are unlocked by a motion sensor
- c) mag-locks which are unlocked by a door-mounted release device
- d) mag-locks on doors in a means of egress

8) Which type of locks are the best choice to secure a hospital unit such as the pediatrics floor, in compliance with the sections added to the IBC and NFPA 101 in 2009?

- a) electric strikes
- b) electromagnetic locks
- c) electric latch retraction devices
- d) electrified lever trim for panic hardware

9) An electric strike used on a fire door must be which function?

- a) fail safe
- b) fail secure
- c) either type may be used

10) Because the IBC does not allow delayed egress locks on an Assembly occupancy, which code-compliant product can be used to prevent students from taking books out the emergency exit of a library?

- a) alarmed panic hardware
- b) electric latch retraction panic hardware
- c) electromagnetic lock
- d) electric strike

Your Name: _____

Facility/Company Name: _____

Email Address: _____ AIA # (if applicable): _____