

Fire Protection Engineer Practice Test Questions and Answers

1. What is the minimum water pressure required for most automatic sprinkler systems at the base of the riser?

- A) 7 psi (0.48 bar)
- B) 15 psi (1.03 bar)
- C) 25 psi (1.72 bar)
- D) 50 psi (3.45 bar)

2. According to NFPA standards, what is the maximum area coverage for a standard spray sprinkler head in light hazard occupancies?

- A) 130 square feet
- B) 200 square feet
- C) 225 square feet
- D) 400 square feet

3. Which fire suppression system is most appropriate for protecting electrical equipment rooms?

- A) Wet pipe sprinkler system
- B) Clean agent gas suppression system
- C) Foam deluge system
- D) Water mist system only

4. What is the primary purpose of compartmentation in fire protection engineering?

- A) To improve building aesthetics
- B) To contain fire and smoke within designated areas
- C) To reduce construction costs
- D) To increase building occupancy capacity

Answers: 1-A 2-C 3-B 4-B

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