

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

1. A PIT (forklift) is considered unattended when the operator is how far away from a running machine?

- A. 10 feet
- B. 25 feet
- C. 50 feet
- D. 75 feet

2. Physical and health hazards, HazCom program criteria, protection methods and a list of hazardous chemicals are found in what document?

- A. The federal MUTCD.
- B. OSHA's 1926 Construction Industry Standard.
- C. OSHA's 1910 General Industry Standard.
- D. OSHA's 1904 Recordkeeping Standard.

3. Under the current OSHA and 1997 Z89.1 ANSI standards, which of the following best describes head protection that protects against impact and 20,000 volts?

- A. Type A
- B. Type B
- C. Type C
- D. Type E

4. Which of the following best describes where statistics regarding face, hand, foot or head injuries would most likely be found?

- A. Bureau of Labor Statistics (BLS)
- B. Bureau of Labor Management (BLM)
- C. The Employers Incident Emergency and Industrial Organization
- D. Occupational Safety and Health Administration

5. Where are the OSHA standards for construction and operation of electric utility systems found?

- A. OSHA's General Industry Standard 1910 Subpart R
- B. OSHA's Construction Industry Standard 1926 Subpart V
- C. OSHA's Standard 1904 Subpart ZZ
- D. Answers A and B are correct

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

6. In the OSHA 29 CFR 1910.269 standard, the language "nominal voltages, maximum switching-transient voltages, presence of induction, locations of circuits and equipment, and condition of protective grounds" are terms associated with the rule that requires determination of:
- A. Recordkeeping
 - B. Craft training
 - C. Line clearance
 - D. System characteristics
7. The following OSHA definition is criteria for what? "A person who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training and experience, successfully demonstrated the ability to solve/resolve problems relating to the subject matter, the work, or the project."
- A. A qualified person
 - B. A controlling supervisor
 - C. A competent person
 - D. A capable person
8. Which statement below best describes non-mandatory "Advisory Guidelines for Employer Compliance" published by OSHA?
- A. Consensus standards
 - B. Federal register appendices
 - C. OSHA interpretations
 - D. ANSI standards
9. Which of the following best describes National Electrical Safety Code (NESC) accepted requirements for determining energized or unknown conditions?
- A. Use of warning labels
 - B. Inspection and testing of lines and equipment
 - C. Fuzzing of energized lines
 - D. Determination based on knowledge and experience

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

10. Which of the following best describes when foot protection is NEEDED for employees?

- A. Foot protection is OSHA-mandatory PPE
- B. The employer's determination of conditions based on hazard assessment and previous experience
- C. Compliance Safety & Health Officer (CSHO) inspection and requirements
- D. Company policy

11. In 2014, OSHA postponed the crane and derrick requirement for third-party certification to 2017 of which individuals?

- A. Equipment riggers
- B. Safety observers and signal persons
- C. Equipment operators
- D. Equipment maintenance personnel

12. What is the most important consideration for an employer when selecting what PPE to use and when to use it?

- A. OSHA compliant manufacturer recommendations
- B. Workplace hazards and injury statistics
- C. How use affects productivity and cost versus the benefits
- D. Employee preferences

13. A detailed study to identify the cause of the incident is best described by which of the following?

- A. Job hazard analysis
- B. Specific plural analysis
- C. Root cause analysis
- D. Post incident analysis

14. Of the numbers below, which oxygen concentration best describes that suitable for life support?

- A. 17%
- B. 21%
- C. 24%
- D. 29%

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

15. Which of the following best describes the sound level requirements for backup alarms on construction site vehicles?

- A. A minimum of 60 dB at 50 feet
- B. A minimum of 77 dB at 55 feet
- C. A minimum of 90 dB at 20 feet
- D. Above ambient sound level in the area of exposure

16. Which one of the following activities would be considered a leading indicator of a zero-incident culture?

- A. Routine and effective use of task hazard analysis
- B. An annual published incident rate of 2.8
- C. A published insurance experience modifier of .88
- D. Review of recent incidents

17. Where will specific safety procedures for completion of a task most likely be found?

- A. OSHA standards
- B. MSHA standards
- C. Consensus standards
- D. ANSI standards

18. In a determination of why people do what they do, which of the following best describes an antecedent?

- A. Response after an unwanted event
- B. Encouragement by co-workers
- C. Something that occurs before an unwanted event
- D. Employee coaching or mentoring

19. The following OSHA definition is criteria for what? "One who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them."

- A. A qualified person
- B. A controlling supervisor
- C. A competent person
- D. An authorized person

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

20. Which statement below best describes management leadership in developing and supporting a workplace safety culture?

- A. The manager facilitates down and accepts communication/feedback up
- B. The manager gives clear, affirmative verbal support for safety ideas
- C. The manager supports safety awards with funding
- D. The manager provides appropriate incentives for safe behavior

21. According to the standards, task safety training is needed when a new employee reports to work or when an employee has been reassigned. Under federal rules, what other condition requires additional task safety training?

- A. After accidents happen, leveraging lessons learned
- B. Increased incident rates and high modifiers indicate safety issues
- C. When new equipment and new procedures are employed
- D. Both B and C

22. Who is held accountable by OSHA's General Duty Clause, Section (5)(a)(1) of the Occupational Health and Safety Act of 1970, when hazards are involved?

- A. The employer of the employees at risk
- B. Controlling employers on a multiemployer work site
- C. Utility owners and managers of subcontractors
- D. The supervisors at the job site

23. Under federal crane rules found in OSHA 29 CFR 1926.1400, the crane and derrick standard, assembly of a crane boom jib extension requires which competent person?

- A. An assembly/disassembly (AD) director
- B. A qualified rigger
- C. A signal person
- D. All of the above

24. Which of the following conditions has the greatest effect on induced voltage?

- A. Air, wind and moisture saturation
- B. Type of structure support
- C. Voltage from nearby systems
- D. Conductor diameter/type

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

25. The following language from the federal standard is criteria for what hazardous workplace? "... may contain hazardous atmosphere under abnormal conditions ..."

- A. Workers around operating cranes
- B. An enclosed space
- C. Workers at elevated work surfaces
- D. A trench

26. When not concerned with the total impedance of a ground connection, which method of grounding a truck is least likely to expose workers to the effects of a system fault?

- A. Independent ground rod
- B. Connection to a pole bond
- C. Connection to a system neutral
- D. Connection transmission system static

27. What is the purpose of bonding a metal aerial basket to grounded phase conductors?

- A. To maximize current flow in the ground system
- B. To improve protective device operation
- C. To equalize voltages protecting workers between conductive surfaces
- D. To reduce static

28. In standard excavation safety rules, which measure below is a trigger associated with ground control?

- A. 4 feet
- B. 5 feet
- C. 6 feet
- D. 7 feet

29. A straight ladder resting against a wall 12 feet high should have its base how far from the wall?

- A. 3 feet
- B. 4 feet
- C. 5 feet
- D. 6 feet

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

30. Fall protection is not required in which of the following conditions?

- A. In excavations under 6 feet
- B. On ladders that are not secured
- C. On top of storage containers when rigging is being conducted
- D. On power transformers during routine insulator testing

31. A PIT (forklift) is considered altered under what circumstances?

- A. Fork extensions
- B. Fork attachments
- C. Added counterweights
- D. All of the above

32. Which answer below best describes publications that are not new standards or regulations and do not create any new OSHA duties for employers?

- A. Consensus standards
- B. Advisory guidelines
- C. OSHA interpretations
- D. Industry best practices

33. Control of hazardous energy to protect individuals in the service and maintenance of machines and equipment is found in what program?

- A. HazCom
- B. Material Safety Data Sheets (MSDS)
- C. Lockout/Tagout (LOTO)
- D. Grounding

34. Of the potential hazards below, which is the defining factor for determining whether a working space that has a limited means of egress or entry is considered an enclosed space versus a confined space?

- A. Engulfment
- B. Water
- C. Atmosphere
- D. Energized electrical

CUSP Base Exams and T&D Endorsement Exam Sample Questions and Format

35. Of the standards below, which provides criteria for use of arc flash protective clothing for commercial line workers?

- A. OSHA
- B. NFPA 70E
- C. IEEE
- D. Both A & C

36. Each qualified employee climbing or changing location on poles, towers, or similar structures must use fall protection equipment. Where is this OSHA regulation located?

- A. OSHA 29 CFR 1910.269
- B. OSHA 29 CFR 1926 Subpart M
- C. OSHA 29 CFR 1926 Subpart R
- D. OSHA 29 CFR 1926 Subpart P

37. In 2010, the crane and derrick final rule required certifications for which personnel?

- A. Signal persons
- B. Riggers
- C. Signal persons and riggers
- D. None of the above