



Domain 1

Safety Program Implementation • 23.9%

Knowledge of:

1. Established environmental, safety, and health programs for implementation in the field
2. Appropriate respiratory protection relevant to the job task and associated hazards
3. Incident investigation processes and documentation
4. How to conduct a job/task hazard analysis
5. Hazards that need to be communicated and who to contact for determination of appropriate controls
6. Workplace sanitation/hygiene requirements
7. Permit-required work tasks
8. When issues should be elevated through the appropriate chain-of-command

Skill to:

1. Evaluate workers' required qualifications, training, and/or certifications for job tasks
2. Identify and evaluate whether a worker is fit for duty
3. Identify safe and unsafe workplace behaviors
4. Conduct a safety inspection or audit
5. Mitigate hazards or risks found in a safety inspection or audit
6. Implement corrective actions based on the outcome of an incident investigation
7. Implement appropriate controls for job-site hazards

Domain 2

Hazard Identification and Control • 28.5%

Knowledge of:

1. Hot work hazards and controls
2. Electrical hazards and controls
3. Excavation hazards and controls
4. Confined space hazards and controls
5. Hazardous energy and control methods
6. Work zone hazards and controls
7. Material handling hazards and controls
8. Struck by/caught between hazards and controls
9. Pinch point hazards and controls
10. Spill response and controls
11. Proper use, care, maintenance, and limitations of personal protective equipment (PPE)
12. Hazards and controls associated with working at heights
13. Walking/working surfaces hazards and controls
14. Housekeeping hazards and controls
15. Hand and power tools hazards and controls
16. Heavy equipment hazards and controls
17. Crane hazards and controls
18. Hazards and controls associated with hoisting, rigging, and signaling
19. The hierarchy of controls

Skill to:

1. Identify risks or hazards associated with the site layout
2. Select appropriate personal protective equipment (PPE) for potential job task hazards

Domain 3

Health Hazards and Basic Industrial Hygiene • 17.8%

Knowledge of:

1. Ergonomic hazards and controls
2. Work conditions that could create thermal stress
3. Hearing protection
4. Chemical hazards and controls

Skill to:

1. Recognize ergonomic hazards on the worksite
2. Recognize signs and symptoms associated with thermal stress
3. Identify job task health hazards associated with routes of entry/exposure
4. Identify correct implementation of health hazard controls

Domain 4

Emergency Preparedness and Management • 16.6%

Knowledge of:

1. Proper use, access, and inspections of fire prevention and protection methods
2. Potential fire hazards and controls
3. Emergency response plans and drills
4. Required emergency response equipment for worksite hazards
5. Medical emergency response

Skill to:

1. Identify correct fire extinguishing methods for worksite hazards

Domain 5

Leadership and Ethics • 13.2%

Knowledge of:

1. Professional and organizational ethics
2. BCSP Code of Ethics: Principles

Skill to:

1. Apply the BCSP Code of Ethics: Leadership
2. Apply the BCSP Code of Ethics: Integrity
3. Apply the BCSP Code of Ethics: Diversity and bias