



Domain 1

Safety Program Implementation and Management • 20.3%

Knowledge of:

1. Job safety/hazard analysis
2. The Globally Harmonized System (GHS)
3. Equipment inspections
4. Safety training
5. Confined space
6. Personal protective equipment (PPE)
7. Energy isolation
8. Audits, inspections, or evaluations
9. Incident investigations, documentation, and corrective action

Skill to:

1. Pre-plan work to manage hazards
2. Address changing conditions or tasks in the job safety/hazard analysis
3. Communicate the findings of audits or inspections
4. Take action on safety nonconformance related to people, property, and environment

Domain 2

Safety and Health Hazards • 23.6%

Knowledge of:

1. Hazards associated with working around pressurized systems
2. Hazards associated with walking/working surfaces
3. Hazards associated with working at heights
4. Hazards associated with elevated work platforms
5. Hazards associated with ladders
6. Hazards associated with industrial lifting vehicles
7. Hazards associated with hand and power tools
8. Hazards associated with working around moving parts and pinch points
9. Hazards associated with poor housekeeping
10. Hazards associated with hot work
11. Hazards associated with cranes and lifting devices
12. Hazards associated with rigging and hoisting
13. Hazards associated with electrical work
14. Hazards associated with excavations
15. Hazards associated with office environments
16. Hazards associated with motor vehicle operations
17. Hazards associated with heavy equipment operations
18. Hazards associated with distractions while working
19. Hazards associated with compressed gas storage and use

Domain 3

Hazard Controls • 20.3%

Knowledge of:

1. The hierarchy of controls
2. Controls associated with safety systems/interlocks
3. Controls associated with chronic health hazards
4. Controls associated with acute health hazards
5. Controls associated with working at heights
6. Controls associated with excavations
7. Controls associated with industrial lifting vehicles
8. Controls associated with motor vehicle operations
9. Controls associated with heavy equipment operations
10. Controls associated with compressed gas storage and use

Skill to:

1. Apply energy isolation controls
2. Ensure proper handling and storage of hazardous materials or chemicals
3. Correct unsafe acts or conditions

Domain 4

Basic Industrial Hygiene • 11.0%

Knowledge of:

1. Industrial hygiene
2. Handling and storing hazardous materials or chemicals
3. Noise hazards and controls
4. Post-incident procedures
5. Basic waste management
6. Hazards associated with improper ergonomics
7. Environmental conditions impacting worker health or safety
8. When to seek assistance in relation to a hazard or situation

Domain 5

Emergency Preparedness and Management • 14.3%

Knowledge of:

1. Fire protection methods and classifications
2. Fire safety requirements
3. Emergency response plans and drills

Domain 6

Ethical Leadership • 10.5%

Knowledge of:

1. Professional and organizational ethics
2. BCSP Code of Ethics: Principles
3. BCSP Code of Ethics: Leadership
4. BCSP Code of Ethics: Integrity
5. BCSP Code of Ethics: Diversity and Bias