



## EXAMINATION BLUEPRINT CHANGES IN 2022

Every five (5) years, or more often if necessary, BCSP revalidates all certification examinations. During the revalidation process, a new blueprint is created that reflects the consensus of the profession as to the key elements a minimally qualified candidate must possess to be deemed competent.

The Safety Trained Supervisor® (STS®) examination began its revalidation process in 2020, and a new blueprint was generated. The following is a synopsis of the changes:

- Overall, a significant amount of the general concepts identified in the current blueprint carried over to the new blueprint; however, most of the domains have increased in length with increased detail and specificity of the topics.
- Domain 1 has increased significantly in length with many of the topics separated out from the more general themes that appear on the current blueprint and by the addition of safety training, management skills, and knowledge of the Globally Harmonized System of Classification and Labeling.
- Domain 2 now focuses on identifying Health and Safety Hazards, while the newly added Domain 3 focuses on controlling hazards.
- Domain 4 represents the knowledge and skills associated with Domain 3 in the current blueprint, but is now limited to Basic Industrial Hygiene with the associated Health Hazards being moved to the preceding domains.
- Domain 5 contains the content covered in Domain 4 in the current blueprint, but the content remains mostly unchanged.
- Much of the information covered in Domain 5 in the current blueprint has been distributed throughout other domains in the new blueprint, with the new Domain 6 now focusing solely on Ethical Leadership.
- Domain 1 increased in weight with the addition of management topics, and Domain 5 increased in weight compared to the current Domain 4.
- Domain 2 and 3 are roughly the same weight as Domain 2 on the current blueprint; these two domains represent the topics currently covered in the single Domain 2.
- The weight of Domain 4 currently covered in Domain 3 increased slightly from 9% to 11%.
- Domain 6, which now covers only Ethical Leadership, represents a smaller percentage of the blueprint which coincides with the reduced content.

The new STS blueprint is tentatively expected to be effective in early 2022.



## 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