

## Subject Outline of Knowledge for STS Construction Practice

(Percent of Exam is an estimate of items devoted to each knowledge.)

1. OSHA regulations (All 10 Tasks)
2. Company safety rules and procedures (All 10 Tasks)
3. Communication at all organizational levels (All Tasks except 2 & 7)
4. Industry safety requirements (All 10 Tasks)
5. Potential hazards (All 10 Tasks)
6. Job, craft, and phases of construction (All Tasks except 1 & 10)
7. Observation techniques (All Tasks except 1, 5, 6, & 8)
8. Training methods (Task 5 only)
9. Job hazard analysis (Task 6 only)
10. Test equipment usage (Task 7 only)
11. Enforcement techniques (Task 8 only)
12. Proper tool and equipment selection (Task 7 only)
13. Reporting techniques (Tasks 9 & 10 only)
14. Accident/incident investigation techniques (Task 10 only)

Tasks <sup>1</sup>										Knowledge	% of Exam	
1	2	3	4	5	6	7	8	9	10			
											1. OSHA regulations	14.3
											2. Company safety rules and procedures	14.3
											3. Industry safety requirements	14.3
											4. Potential hazards	14.3
											5. Job, craft, and phases of construction	11.4
											6. Communication at all organizational levels	11.4
											7. Observation techniques	8.6
											8. Training methods	1.4
											9. Job hazard analysis	1.4
											10. Test equipment usage	1.4
											11. Enforcement techniques	1.4
											12. Proper tool and equipment selection	1.4
											13. Reporting techniques	2.9
											14. Accident/incident investigation techniques	1.4

<sup>1</sup> Shading indicates that a knowledge applies to the task.

# Subject Outline for Knowledge of STS-Construction Practice Organized by Task

[Tasks (in bold) and Knowledge]

(Percent denotes percent of examination items for task.)

## **Task 1. Conduct New employee safety and health orientation (9.5%)**

- OSHA regulations
- Company safety rules and procedures
- Communication at all organizational levels
- Industry safety requirements
- Potential hazards

## **Task 2. Perform pre-task safety and health hazard analysis (10.6%)**

- OSHA regulations
- Company safety rules and procedures
- Job, craft, and phases of construction
- Industry safety requirements
- Potential hazards
- Observation techniques

## **Task 3. Perform basic safety and health hazard recognition (10.7%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Observation techniques
- Communication at all organizational levels

## **Task 4. Issue and monitor the use of personal protective equipment (9.6%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Observation techniques
- Communication at all organizational levels

## **Task 5. Conduct safety and health meetings (9.3%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Communication at all organizational levels
- Training methods

**Task 6. Plan for safety and health hazard prevention (10.7%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Communication at all organizational levels
- Job hazard analysis

**Task 7. Inspect tools and equipment (9.7%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Observation techniques
- Test equipment usage
- Proper tool and equipment selection

**Task 8. Apply safety and health standards on job sites (11.1%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Communication at all organizational levels
- Enforcement techniques

**Task 9. Participate in job safety and health inspections (9.7%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Job, craft, and phases of construction
- Observation techniques
- Reporting techniques
- Communication at all organizational levels

**Task 10. Investigate accidents and/or incidents (9.3%)**

- OSHA regulations
- Industry safety requirements
- Company safety rules and procedures
- Potential hazards
- Observation techniques
- Communication at all organizational levels
- Accident/incident investigation techniques
- Reporting techniques