

# Certified Demolition Supervisor (CDS)

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April 11, 2023

## Exam Content Outline

The CDS examination tests the following knowledge areas. Candidates are required to demonstrate proficiency by answering questions that evaluate their knowledge of facts, concepts, and processes required to complete the tasks described below.

### DOMAIN 1: SAFETY – Maintain a Safe Job Site

(Approximately 32% of the test)

- a. Identify current and potential hazards, including anticipating future hazards as the job progresses, identifying hazards as conditions change, and executing changes in work to correct hazards
- b. Recognize points of structural stability throughout the duration of the project
- c. Ensure that the job site complies with OSHA standards
- d. Execute emergency response plans
- e. Develop job hazard analysis
- f. Enforce site safety plan
- g. Enforce HAZCOM and labeling requirements
- h. Enforce excavation and trenching standards
- i. Oversee appropriate use of aerial lifts
- j. Maintain controlled access zones
- k. Verify service disconnects

### DOMAIN 2: ENVIRONMENTAL - Ensure Environmental Stewardship on Every Project

(Approximately 16% of the test)

- a. Implement Storm water Pollution Prevention Plans
- b. Identify materials that are hazardous to employees and the environment and implement plans and handling procedures to limit exposure
- c. Maintain compliance with regulatory authorities for hazardous and regulated materials
- d. Review surveys and test results and determine necessary course of action
- e. Survey the jobsite for potential flora and fauna impacts, pathogens, and biohazards and determine necessary course of action
- f. Prepare for and oversee an EPA inspection
- g. Categorize wastes by disposal requirements and develop accurate manifests

### DOMAIN 3: OPERATIONAL METHODOLOGY - Ensure Effective Functioning of the Project

(Approximately 19% of the test)

- a. Maintain equipment through proper inspection and maintenance procedures while ensuring that the right tool is being used for the job
- b. Define equipment safe working limits and varying metrics across manufacturers and type of equipment
- c. Supervise torching and cutting procedures with proper equipment within regulated standards

- d. Recognize loading forces, such as tension and compression, in the development of a work plan
- e. Confirm acceptable weight and load limits are being enforced while deploying equipment in and on structures
- f. Execute work plan and revise as needed by stopping work for revisions and acceptance of revision(s) by all involved.
- g. Recognize potential impacts on surrounding property, including public traffic, dust suppression, pedestrian safety, and noise level regulations and implement appropriate procedures as necessary
- h. Develop and implement a plan for job site traffic both onsite and access and egress to the site
- i. Organize job site logistics and sequencing for safe and efficient movement of materials including categorization and waste handling
- j. Maintain job schedules and critical path k. Determine appropriate staffing with the proper number of workers with the required skill sets

#### **DOMAIN 4: PROJECT MANAGEMENT - Ensure effective administrative set up and standard operating procedures**

(Approximately 15% of the test)

- a. Conduct and/or review the engineering/predemolition survey
- b. Identify and comply with contractual obligations to both the owner and any subcontractors
- c. Devise and implement a system for proper documentation and record keeping
- d. Coordinate amendments to a work plan through a specified change management process
- e. Determine a chain of command for public relations
- f. Develop a project schedule by identifying and establishing the critical path for the job
- g. Research and identify regional or municipal regulations that may affect operations of the job
- h. Implement quality management plans

#### **DOMAIN 5: PEOPLE MANAGEMENT - Effective guidance of team members and the culture of the project**

(Approximately 18% of the test)

- a. Develop clear lines of communication with all levels of the organization
- b. Identify signs of drug or alcohol abuse and determine appropriate course of action in accordance with company procedure
- c. Create a culture of jobsite safety
- d. Encourage ethical behavior from all employees
- e. Assign job tasks to employees
- f. Establish authority on the job site and develop a chain of command for task completion
- g. Confirm employees have received proper training with refresher courses and/or certifications to maintain understanding and compliance
- h. Recognize complacency on the job site and implement policies to maintain a focus on safe work practices
- i. Report infractions of company policies for disciplinary procedures as necessary