



CERTIFICATION CANDIDATE HANDBOOK

**Certified Demolition Technician
Certified Demolition Supervisor**

Revised July 2025



TABLE OF CONTENTS

Responsibility of the Candidate.....	1
Introduction to the Certification Program	1
Who Should Take the Certification Examination.....	2
Eligibility Requirements.....	3
About the Examinations	4
Accommodation for Special Needs (Americans with Disabilities Act).....	5
Statement of Nondiscrimination.....	6
Copyright Information.....	6
Application Instruction	7
Rescheduling Exam Appointments.....	8
Transferring Your Exam Appointment	9
Cancellations/Refunds.....	9
Re-Examination	10
Day of the Exam	10
Examination Policies	12
Exam Security/Ground for Dismissal	13
Scoring Information.....	15
Exam Results	15



Applicant/Candidate Appeals..... 15

Attainment of Certification..... 16

Recertification 17

NDA Standards of Conduct and Ethics 18

Misuse of the CDT and CDS Credential..... 19

Exam Content 20



Responsibility of the Candidate

It is the responsibility of each candidate to read and understand the contents of this handbook before applying for an examination. This handbook contains current information about the policies and procedures of the certification program, eligibility criteria, exam content outline, and the reference materials used to develop each examination. It is essential that each candidate keep this handbook readily available for reference until the entire certification process, including score reporting, is completed.

Introduction to the Certification Program

The Certification Board of the National Demolition Association (CBN) serves as the certifying body for the Certified Demolition Technician (CDT) and Certified Demolition Supervisor (CDS) programs. Comprised of industry leaders and subject matter experts, the CBN—along with other demolition professionals—develops and maintains these credentials to establish and uphold high standards for demolition practice. The CBN operates with autonomy to ensure the integrity and impartiality of the certification process, free from undue influence.

The **Certified Demolition Technician (CDT)** credential recognizes individuals who have demonstrated foundational knowledge and skills necessary to perform demolition work safely and effectively. This certification establishes baseline industry standards and provides employers, regulators, and clients with assurance that the certificant is equipped with essential demolition competencies, including safety awareness, regulatory compliance, equipment operation fundamentals, and material handling.

The **Certified Demolition Supervisor (CDS)** identifies demolition professionals qualified to oversee all aspects of a demolition project site, including safety, environmental compliance, operational management, and workforce coordination. The CDS designation reflects advanced knowledge, leadership ability, and a proven record of hands-on experience. It assures employers, clients, and the public that certificants possess the expertise to manage demolition projects in accordance with the highest safety and



NATIONAL DEMOLITION ASSOCIATION



professional standards.

Together, the CDT and CDS programs strengthen the demolition workforce by providing recognized benchmarks for competency and leadership, promoting safe and responsible practices, and supporting professional growth within the industry.

Who Should Take the Certification Examination

Certified Demolition Technician (CDT)

The CDT certification is recommended for individuals seeking to establish their professional credentials in the demolition industry and demonstrate their commitment to safe, skilled, and compliant demolition practices. It is ideal for early-career demolition workers or those transitioning into the field who wish to validate their knowledge of fundamental demolition operations, safety procedures, and regulatory requirements. This credential is well-suited for professionals involved in tasks such as site preparation, equipment operation, material removal, and support roles on demolition projects.

Certified Demolition Supervisor (CDS)

The CDS certification is designed for experienced demolition professionals who are responsible for leading and managing demolition projects. It is recommended for individuals with substantial hands-on experience who oversee site safety, environmental compliance, project planning, crew supervision, and operational execution. The credential is particularly suited for mid- to senior-level professionals such as site supervisors, project managers, and safety coordinators who wish to validate their advanced expertise and leadership in the demolition industry.



Eligibility Requirements

Candidates must meet the following eligibility requirements at the time of application. The CBN reserves the right to conduct random audits to verify eligibility, including but not limited to contacting references. Any candidate deemed ineligible at the time of application will forfeit the \$100 application fee.

Certified Demolition Technician

In order to be eligible to sit for the CDT exam, a candidate must possess:

- 2 years of hands-on demolition experience out of the last seven years
- Completion of a 4-hour Fall Protection course with current certificate
- Completion of the OSHA 10 course
- Completion of 2 hours of asbestos awareness training or a 2-hour HAZWOPER awareness training
- Current CPR & First Aid Certification
- Completion of CDT Verification Form completed by:
 - A current or former employer who can verify that the applicant possesses two years of demolition experience
 - A current CDS certificant who can verify that the applicant possesses five years of demolition experience
 - A union representative who can verify that the applicant possesses two years of demolition experience



Certified Demolition Supervisor

In order to be eligible to sit for the CDS exam, a candidate must possess:

- 5 years of hands-on demolition experience out of the last seven years
- Completion of an 8-hour Fall Protection course with current certificate
- Completion of the OSHA 30 course
- Completion of 8 hours of asbestos awareness training or an 8-hour HAZWOPER awareness training
- Current CPR & First Aid Certification
- Completion of CDS Verification Form completed by:
 - A current or former employer who can verify that the applicant possesses five years of demolition experience
 - A current CDS certificant who can verify that the applicant possesses five years of demolition experience
 - A union representative who can verify that the applicant possesses five years of demolition experience
 - A recent client who can verify demolition experience PLUS a demolition license from a regulatory authority that shows at least five years of experience

About the Examinations

The CBN partners with Measure Learning, an independent testing provider that supports secure exam administration and scoring.

The **Certified Demolition Technician (CDT)** examination consists of 60 multiple-choice questions, of which 55 are scored and 5 are unscored pilot questions used for future test development. Candidates will have 2 hours to complete the exam.

The **Certified Demolition Supervisor (CDS)** examination consists of 100 multiple-choice questions, of which 90 are scored and 10 are unscored pilot questions. Candidates will have 3 hours to complete the exam.

All questions are equally weighted, and answers are scored as either fully correct or incorrect. The eligibility requirements and examination content for



both certifications are based on a comprehensive study of the current roles and responsibilities of demolition professionals. A job task analysis (JTA) was conducted to identify the essential knowledge, skills, and abilities required for successful performance in the demolition industry.

Based on the results of this analysis, a panel of subject matter experts from across the industry—including demolition operations, safety, environmental compliance, project management, and regulatory oversight—defined the scope of practice and established the content areas for the examinations. Both the CDT and CDS exams reflect the real-world knowledge and competencies necessary for professionals to perform safely, effectively, and responsibly in demolition environments.

To ensure the examinations remain relevant and valid, a job task analysis is conducted every five to seven years or as needed when significant changes occur in the industry. During this process, demolition professionals validate the relevance of existing content and identify emerging areas of practice. The examinations are reviewed and updated in accordance with national testing standards to maintain fairness, accuracy, and psychometric integrity.

Accommodation for Special Needs (Americans with Disabilities Act)

NDA is committed to providing reasonable and appropriate accommodations in compliance with the Americans with Disabilities Act Amendments Act (ADAAA) for individuals with documented disabilities. These accommodations ensure that all candidates have equal access to examination functions, regardless of location, including outside the United States.

Candidates requesting special testing accommodation must provide documentation of their disability and functional limitations from a qualified medical professional, such as a physician, healthcare provider, or other relevant specialist. This documentation must be on official letterhead and must:

- Clearly describe the nature and extent of the disability



- Explain how the disability affects the candidate's ability to take the examination under standard conditions
- Include specific recommendations for reasonable accommodation with a clear rationale for each request

Candidates must submit requests for accommodation at the time of application and no later than four (4) weeks before the start of a testing period. Requests such as "extra time," "extra breaks," or "maximum allowable time" must be supported with specific documentation justifying the need.

The certification program reserves the right to request additional documentation or clarification as necessary to ensure fair and appropriate accommodation.

Statement of Nondiscrimination

The CBN and NDA do not discriminate against any individual or entity based on religion, age, gender, race, disability, nationality, creed, socioeconomic status, or any other proctored classification. All individuals submitting an examination application will be judged solely on published criteria.

Candidates are not required to be a member of any industry organization to apply for NDA certification.

Copyright Information

All proprietary information rights to the CDT and CDS exam, including copyright, are held by NDA. In order to protect the validity of the scores reported, candidates must adhere to strict guidelines regarding proper conduct in handling these copyrighted proprietary materials. The law strictly prohibits any attempt to reproduce all or part of the CDT and CDS exams. Such attempts may include, but are not limited to, removing materials from the testing room; aiding others by any means in reconstructing any portion of the exam; posting content on any discussion forum; and selling, distributing, receiving, or having unauthorized possession of any portion of the exam. Alleged copyright infringements will be investigated and, if warranted, prosecuted to the fullest extent of the law. It should be noted



that examination scores might become invalid in the event of this type of suspected breach. Permanent revocation of certification may occur if allegations are substantiated.

Application Instruction

See the [Certified Demolition Technician \(CDT\)](#) page for application instructions.

Examination Fees

NDA Members	\$300 USD
Non- Members	\$450 USD
Retake (Members and Non-Members)	\$225 USD

See the [Certified Demolition Supervisor \(CDS\)](#) page for application instructions.

NDA Members	\$595 USD
Non- Members	\$755 USD
Retake (Members and Non-Members)	\$445 USD

Other Fees (see conditions below)

Rescheduling and Transfer Fee	\$50 USD
Cancellation Fee	\$150 USD

VISA, MasterCard, Discover, and American Express are accepted.

Payment is collected online at the time an application is submitted. Contact info@demolitionassociation.com if you need to use an alternate method for submitting payment.

Faxed or emailed application submissions will not be accepted.

The review period for applications is 14-21 business days. If the application is approved, you will receive an email notification with confirmation and date when you will be able to schedule your online exam registration.



Rescheduling Exam Appointments

Requests for rescheduling an examination appointment to a different date within the same testing period must be submitted directly to Meazure Learning through the scheduling web link listed on your Exam Appointment (EA) email. If you reschedule at least 72 hours before your appointment and use the Meazure Learning online portal, there is no fee.

Rescheduling is not permitted after the 72-hour cut-off point.

Emergency Situations

In the case an emergency situation has occurred resulting in (1) missing a scheduled exam appointment (no-show status) OR (2) rescheduling/cancelling within 72 hours of the appointment, NDA will examine the case and take the appropriate action.

Emergency situations are as follows:

- Medical emergency
- Natural disaster
- Death or Illness in the immediate family
- Military deployment

Work-related circumstances are **not** considered emergency situations.

No-Show Status

Failure to appear to the exam appointment will result in a no-show status. No-show status results in forfeit of the exam fee and candidates will be required to pay the full re-test fee in order to schedule another exam appointment.



Transferring Your Exam Appointment

If you have already scheduled your examination appointment and wish to transfer to a different testing period, cancel your appointment via the Measure Learning online portal and then contact info@demolitionassociation.com to request a transfer. If you have not yet scheduled your appointment, contact info@demolitionassociation.com to request a transfer. All transfers of examinations to a different testing period are subject to a \$50 transfer fee.

Failure to keep an appointment or cancelling an appointment without the appropriate notice (less than one week before the scheduled appointment) will result in forfeiture of all applicable exam fees.

You may transfer your exam to the next testing period up to two times. Upon transferring your exam, you are no longer eligible for a refund and will forfeit all applicable exam fees should you decide to cancel your exam after it has been transferred to a later testing period. If you wish to transfer your examination further than two testing periods from the original application, you must submit for a cancellation and refund and resubmit a new application.

Cancellations/Refunds

NDA must receive all requests for a cancellation/refund in writing, no later than one week before the start of your original testing period. If you have previously transferred your exam to a new testing period, you are not eligible for a refund.

You may email a request for a refund to info@demolitionassociation.com. Requests for cancellations/refunds may be made only by the exam candidate. Refunds will be issued minus a \$100 processing fee.



Re-Examination

Candidates are granted a one-year eligibility period to pass the exam. During the eligibility period, candidates have up to three attempts to pass the exam. A candidate may not retake an examination in the same testing window as the original attempt. After the third attempt, candidates must wait a year from the date of the last exam appointment to reapply for certification. At the fourth attempt, candidates will be required to complete the initial certification process again, including application, supporting documentation, and initial exam fee.

Day of the Exam

In-Person Testing Center Appointments

It is strongly recommended that you familiarize yourself with the testing center location and parking facilities before the day of your exam so that you arrive at the testing center stress-free and on time.

On the day of the exam, report to the testing center at the time indicated in your email confirmation notice. Late arrivals will not be admitted subject to testing center rules.

Upon arriving at the testing center, you will be required to present your confirmation email and provide one form of current government-issued photo identification, which must bear your name and your signature. The name on your photo identification must exactly match the name that appears on your confirmation email. Examples of appropriate identification include a passport or driver's license; a military identification is not an allowed form of identification. If you do not bring the appropriate identification to the testing center, you will not be able to test within that testing period. A test-site administrator will provide a brief orientation and then escort you to a workstation. You may only leave your workstation when authorized by a test-site administrator. If you leave your workstation during the exam, extra time will not be provided, and your examination may be terminated at the discretion of the proctor.



In the event that internet connectivity is lost, your submitted answers will not be lost, and the computer will stop the clock on your exam at the time connectivity is lost. The clock will resume when connectivity is re-established, and you will be able to complete the exam in the fully allotted time period. You must notify the test-site administrator if internet connectivity is lost. The test-site administrator will be able to contact Measure Learning should the need arise.

Contact a test-site administrator if you believe there is a problem with your computer or if you require other assistance.

Remote Proctoring Appointments

It is strongly recommended that you familiarize yourself with all live remote proctoring (LRP) regulations from Measure Learning prior to the day of the examination.

When you check in for the appointment, it takes approximately 20 minutes to complete the check-in process which includes security checks, ID verification, attestation statements, etc.

On the date and time of your scheduled testing appointment, you will click on the link provided in the confirmation notice email, entering your username and password from the Notice to Schedule email to return to the LRP dashboard. From the dashboard, you will select "Start Exam" to begin the testing appointment.

Please remember: if your computer fails the check of system requirements, you must correct the issue or obtain an alternate computer to complete the testing appointment; candidates are required to pass the system requirements check prior to testing. You must have **full administrative access** to your computer in order to launch the LRP software. If you are using a work issued computer for your exam, please consult your IT team to ensure that you will be able to launch the software.

After the system requirements check, the proctor verifies your identity by examining the candidate's government-issued ID. You may communicate



with the proctor via chat features available within the live online proctoring launch site. If directed by the proctor, or in case of technical difficulties, you may contact the proctor by telephone or chat.

The proctor has complete access to your computer to monitor for unauthorized activities, such as accessing other software applications, using multiple monitors, or having someone else take the examination remotely. The proctor can terminate the testing appointment for integrity reasons at any time.

As part of the login process, you will show the proctor a 360-degree view of your environment, including the desk, by holding and moving the webcam or laptop with a webcam as directed by the proctor. After the environment check, the proctor enables the monitoring software, which allows the proctor to watch you via your webcam and record video and audio during the testing appointment. When the proctor has completed the necessary steps to ensure monitoring, you will click a link to launch the examination login process. During the examination login process, the proctor and candidate complete a dual login in which the you verify your information, complete the candidate attestation statement, and review the testing rules and policies. In addition, prior to launching the examination, you can review the online tutorial of remote proctoring system.

Testing time for candidates begins when the examination is launched. When you complete your examination, you will click the "Submit Exam" button and confirm that you are ready to submit the examination. A thank-you message is presented on the screen and we encourage you to print this messages as a confirmation.

Examination Policies

To ensure all results are earned under comparable conditions and represent fair and accurate measurement, it is necessary to maintain a standardized testing environment. The following recommendations, policies, and procedures pertain to every exam candidate:

- Instructions by testing center personnel and proctors are to be followed.



- An on-screen clock will be provided and will calculate the allotted time for the exam. You will not be permitted to continue beyond the allotted time limit.
- Do not bring books or other reference materials into the testing room. The testing center administrator will not permit anyone found possessing such materials to continue the test, and you will forfeit all applicable examination fees. For live remote proctoring, your proctor via webcam will ensure that your testing space is secure and that no books or reference materials are present.
- Electronic devices (cell phones, pagers, tablets, etc.) are not permitted.
- Visitors are not permitted at the testing center.
- Bring a jacket or sweater without a hood or pockets for air-conditioned rooms.

Note: On rare occasions, major technical problems with computer equipment at the testing center may require rescheduling of an examination at the testing center administrator's discretion. In these cases, no additional fee will be assessed.

Exam Security/Ground for Dismissal

The CBN and Measure Learning maintain established test administration and security standards to ensure that all candidates are provided with a fair and consistent opportunity to demonstrate their knowledge, skills, and abilities.

Any candidate who does not have positive identification, uses unauthorized aids, engages in misconduct, or does not follow testing procedures may be dismissed from the examination. The CBN may choose to have the test scores of such candidates cancelled, in which case all applicable exam fees will be forfeited.

The following are examples of behaviors considered to be misconduct and will not be tolerated during the administration of the CDT and/or CDS exams:



- Giving or receiving assistance of any kind;
- Using references or aids;
- Attempting to take the exam for someone else;
- Failing to follow testing regulations and/or test proctor instructions;
 - Creating disturbances;
 - Copying or attempting to remove exam questions and/or scratch paper from the exam room;
 - Tampering with testing center computers;
 - Leaving the exam room without permission;
 - Using electronic communication devices (cell phones, pagers, tablets, etc.).

In the event of misconduct, gathered evidence is submitted to the CBN and Measure Learning for review. Both the CBN and Measure Learning have the right to question the validity of test scores. If there is sufficient cause to question the score, Measure Learning will refer the matter to the CBN, which will make the final decision on whether or not the score is to be cancelled. Such determinations may not be appealed. In the event the CBN determines a test score is invalid and should be cancelled, the CBN will notify the candidate (all applicable examination fees will be forfeited). The CBN, at its sole discretion, may decide to:

- Allow the candidate to retest at an additional cost;
- Prohibit the candidate from ever sitting for the exam and earning the certification; or
- Take other action as deemed appropriate.



Scoring Information

The pass/fail cut-off score is determined using a criterion-referenced method, which allows the performance of each candidate taking the exam to be judged against a predetermined standard rather than against other candidates. The predetermined standard is set through a process of statistical equating, taking into account actual candidate performance across test cycles, to ensure the validity, reliability, and legal defensibility of the exam.

Scaled scoring is used on all exam forms. Scaled scoring involves a mathematical conversion of the number of items that a candidate correctly answers transformed so that there is a consistent scale used across all forms of the test. The passing scaled score is xxx for the CDT exam, and 550 for the CDS exam.

Exam Reliability

The statistical analyses performed on the CDT, and/or CDS exams have shown that the exam is highly reliable. This reliability is a direct result of the efforts of the CBN, working with subject matter experts, to ensure that ambiguity is eliminated from individual exam questions, and that the questions address concepts appropriate for candidates sitting for the exam.

Exam Results

Score reports will be emailed to the address reflected on your CDT and/or CDS application within six to eight weeks after the testing window has closed. NDA will retain exam results for a period of seven years.

Applicant/Candidate Appeals

Decisions by the CBN regarding initial determination of eligibility to take an examination, continued certification, disruptive examination conditions and verification of an examination score may be appealed to the CBN. Failure to pass the examination is not in itself grounds for appeal. The grounds for



appeal to the CBN are only those stated in the previous sentence.

An appeal to the CBN must be made in writing by email, with the subject line “appeal” to info@demolitionassociation.com.

All such appeals must be received by the CBN within 30 days of the date (1) that the CBN provided notice denying eligibility to take the examination or (2) the date the CBN provided notice denying continued certification, (3) the date on which a disruptive examination condition or examination occurred, or (4) that the candidate received official notice of the examination score. The written appeal must identify the precise factual basis, applicable rules or examination conditions that are the basis for the appeal.

Attainment of Certification

Certification is valid for **three years**. Candidates who pass the certification examination(s) may use the appropriate designation—**CDT** (Certified Demolition Technician) or **CDS** (Certified Demolition Supervisor)—upon receipt of official examination results indicating a passing score.

Newly certified individuals will receive an NDA-issued **digital certificate and badge** for display on their email signature, social media profiles, and other professional platforms. Digital badges provide an easy and secure way for employers, clients, and peers to verify your certification status. For more information, visit www.demolitionassociation.com/Certification/Digital-Badging.

All certificants holding a CDT or CDS credential in good standing will be reflected on NDA’s **Good Standing Report**, which serves as the single source of truth for verifying a current certificant.



Recertification

Recertification ensures that certificants maintain a high level of professional competence through the continued development of knowledge and skills in demolition operations, safety management, environmental compliance, and project oversight. This process affirms a certificant's commitment to staying current with industry best practices, evolving regulations, and emerging technologies that impact demolition work.

Certificants who hold both the Certified Demolition Technician (CDT) and Certified Demolition Supervisor (CDS) credentials will be required to recertify only once every three years, aligned with the expiration date of the first certification obtained.

To maintain certification, all certificants—whether holding a single or multiple credentials—must meet one of the following continuing education requirements every three years:

- Complete the required number of continuing education hours in demolition-related training, safety programs, or other relevant professional development activities approved by NDA.
- Successfully retake the certification examination to demonstrate current competence in the field.

All certified candidates are responsible for keeping track of their recertification dates and maintaining records of their recertification activities. Continuing education credits must be relevant to your role and your certification.

Please visit www.demolitionassociation.com/Certification for complete recertification information.



NDA Standards of Conduct and Ethics

As NDA-certified personnel, individuals are expected to uphold the highest ethical standards, ensuring safety, integrity, and accountability in the demolition industry.

NDA certified personnel shall subscribe to the following practices of professional conduct:

- 1. Conduct themselves with honesty and fairness in all professional interactions.*
- 2. Avoid deceptive, fraudulent, or dishonest practices.*
- 3. Represent their qualifications, skills, and competencies accurately, ensuring no misrepresentation of their certification status.*
- 4. Maintain a high level of professional competence and continuous learning to improve their skills and knowledge.*
- 5. Respect the privacy and confidentiality of clients, colleagues, and the public.*
- 6. Strive for excellence by maintaining up-to-date knowledge in their field of certification.*
- 7. Treat colleagues and stakeholders with respect and dignity, regardless of their background, culture, or beliefs.*
- 8. Engage in respectful communication and avoid engaging in defamatory or harmful behavior towards others.*
- 9. Abide by all relevant laws, regulations, and industry standards within the demolition field of work.*
- 10. Avoid any involvement in activities that could bring the certification program or the profession into disrepute.*
- 11. Report any unethical or illegal behavior observed in the demolition professional environment.*



12. *Disclose any potential conflicts of interest to relevant parties and act transparently to manage such conflicts.*
13. *Respect confidentiality agreements and avoid sharing privileged information without proper authorization.*
14. *Ensure that confidential information is handled with care and only disclosed when required by law or with the explicit consent of all relevant parties.*

Enforcement and Disciplinary Actions

Failure to adhere to this Code of Ethics may result in disciplinary actions, including suspension or revocation of certification. NDA certified personnel agree to cooperate fully with any investigations related to breaches of ethical conduct and to abide by the rulings of the Certification Board of the NDA.

Misuse of the CDT and CDS Credential

Only individuals who have been officially awarded the CDT and/or CDS credential by NDA and whose certification is in good standing may use the credential. Individuals may not represent themselves as certified if their certification has expired, been suspended, or revoked.

Misrepresentation of certification status—including falsely claiming to hold the CDT and/or CDS credentials, considered a violation of program policies and may result in disciplinary action. Examples of misuse include, but are not limited to:

- Using the CDT and/or CDS designation without having earned it
- Continuing to use the CDT and/or CDS designation after expiration or revocation
- Implying certification status in marketing materials, email signatures, or bid documents when not certified

NDA reserves the right to take corrective or disciplinary actions, which may include:



- Issuing a written warning or cease-and-desist notification
- Public correction or disclosure of the individual's certification status
- Suspension or permanent revocation of current or future eligibility
- Legal action if warranted

Maintaining the credibility of the CDT and/or CDS credential is a shared responsibility. Individuals found to be misrepresenting their certification status may be subject to further review by NDA.

Exam Content

CDT Exam Content Outline

DOMAIN 1: SAFETY (30%)

- a. Personal Protective Equipment (PPE)
 - i. Identify the required personal protective equipment (PPE) for the specific task on the job.
 - ii. Identify the different types of respiratory protection (e.g., half mask, full face mask, dust mask, etc.).
- b. Hazard Communication Program (HazCom)
 - i. Understand what is HazCom.
 - ii. Understand when to use HazCom.
 - iii. Locate the safety data sheet on the job site.
- c. General Knowledge of OSHA Standards.
 - i. Understanding the elements of the OSHA Focus Four. Falls, Caught-in or -Between, Struck-By, and Electrocution.
 - ii. Understand individual rights as per OSHA, DOL, and federal law.



- d. Recognize What is a Confined Space.
 - i. Identify a confined space.
- e. Knowing the Rules of Lockout and Tagout.
 - i. Understand the purpose of a lockout and tag out policy.
 - ii. Understand the procedures of a lockout and tag out.
- f. Trench Safety
 - i. Understand the definition of a trench.
 - ii. Recognize potential hazards (i.e., cave-in, atmospheric, falling objects, etc.).
- g. Fire Safety
 - i. Recognize potential fire hazards.
 - ii. Identify the different types of fire extinguishers.
 - iii. Understand the placement of fire extinguishers.
 - iv. Illustrate how to inspect the fire extinguishers.
- h. Lead
 - i. Recognize potential lead exposure hazards.
 - ii. Demonstrate personal hygiene while working with lead.
- i. Silica
 - i. Recognize potential silica hazards.
 - ii. Understand control measures for silica exposure.
- j. Asbestos
 - i. Recognize suspect asbestos containing material (ACM).
 - ii. Demonstrate what to do when you encounter ACM.



- iii. Understand the procedures to identify ACM.
- k. Fall Protection
 - i. Recognize potential fall hazards.
 - ii. Communicate the potential hazards.

DOMAIN 2: ENVIRONMENTAL (15%)

- a. Dust Control (Run off issue, water, firehose, snow blowing machine, live equipment, electrical panel, sweeping compound, alternative water measures).
 - i. Understand the different methods of dust control.
 - ii. Recognize hazards created by dust control measures.
 - iii. Recognize when to use dust control measures.
- b. Identify Other Regulated Materials.
 - i. Identify universal waste.
 - ii. Understand there are proper disposal requirements for universal waste.
- c. Identify Other Hazardous Material.
 - i. Recognize suspect hazardous materials.
 - ii. Demonstrate what to do when you encounter hazardous materials.
 - iii. Understand there are procedures to identify hazardous materials.

DOMAIN 3: TOOLS AND EQUIPMENT (25%)

- a. Power Hand Tools (i.e., Hydraulic, Electric, Pneumatic, Gas, Battery)
 - i. Identify the different types of power hand tools and their uses.



- ii. Inspect the different types of power hand tools.
- b. Basic Knowledge of Torching
 - i. Identify the different components of a torch set up.
 - ii. Understand the different types of torch fuels.
 - iii. Proper maintenance and storage of torching equipment.
 - iv. Understand the proper handling of torching equipment.
 - v. Demonstrate proper basic use of torching equipment.
 - vi. Understand the safety procedures and standards for torching.
 - vii. Select the proper PPE for torching (e.g., positioning, hearing, and ear protection).
- c. Ride On and Walk Behind Material Handling (i.e., battery power, gas, diesel, electric, etc.).
 - i. Identify the different types of material handling equipment and their designated use.
 - ii. Understand the potential hazards created by the different types of material handling.
 - iii. Proper maintenance and storage of equipment.
 - iv. Recognize the capacity limits of the equipment.
 - v. Demonstrate proper basic use of equipment.
 - vi. Understand the safety procedures and standards for equipment operations.
 - vii. Select the proper PPE for equipment operations.
- d. Compact Mini Equipment (i.e., Skid Steer, Mini Excavator, Robotic Machines, etc.)



- i. Identify the different types of compact mini equipment and their designated use.
 - ii. Understand the potential hazards created by the different types of material handling.
 - iii. Proper maintenance and storage of equipment.
 - iv. Recognize the capacity limits of the equipment.
 - v. Demonstrate proper basic use of equipment.
 - vi. Understand the safety procedures and standards for equipment operations.
 - vii. Select the proper PPE for equipment operations.
- e. Heavy Construction Equipment
- i. Identify the different types of heavy construction equipment and their designated use.
 - ii. Understand the potential hazards created by the different types of material handling.
 - iii. Proper maintenance and storage of equipment.
 - iv. Understand the proper operation of the equipment.
 - v. Understand the safety procedures and standards for equipment operations.
 - vi. Select the proper PPE for equipment operations.

DOMAIN 4: OPERATIONAL METHODOLOGY (17%)

- a. Aerial Lift Awareness
- i. Understand the proper use and limitation of an aerial lift.
 - ii. Demonstrate knowledge of rescue procedures.
 - iii. Understand the site-specific hazard related to the specific task.



- b. Knowing the right tool for the job.
 - i. Understand the site-specific hazard related to the specific task with the available tools.
- c. Stairways/Ladders/Scaffolds
 - i. Understand there are standards for scaffolding erection and use.
 - ii. Demonstrate the knowledge of proper ladder use.
 - iii. Demonstrate the knowledge of stairway use and condition.
- d. Basic Rigging Regulations and Requirements
 - i. Identify different rigging components and equipment (chain fall, come-a-longs).
 - ii. Understand the proper maintenance and storage of rigging equipment.
 - iii. Understand there are standards regulating lifting and rigging.
- e. Ride On - Compact Equipment
 - i. Understand the proper use and limitation of ride on equipment.
 - ii. Understand the site-specific hazards and limitations related to different types of ride on equipment.
 - iii. Understand the hazards with the specific task related to ride on equipment.
- f. Basic Traffic Control (i.e., Flagger, Truck Traffic, etc.).
 - i. Understand the certification requirements for public traffic control.
 - ii. Demonstrate the ability to follow job site traffic control.
- g. Housekeeping (i.e., job site, hazards on site, covering holes, impalement hazards, trips, slips, falls, etc.).



- i. Demonstrate the ability to communicate or correct known hazards.
 - ii. Understand the hazards of poor housekeeping.
 - iii. Identify proper storage procedures for job site supplies.
 - iv. Demonstrate proper hygiene in the breakrooms and restrooms.
- h. Knowing when to apply firewatch regulations/standards.
 - i. Understand the project requirements for hot work procedures.
 - ii. Demonstrate the ability to identify when firewatch is necessary.
 - iii. Understand the role and responsibilities of an individual firewatch.
 - iv. Demonstrate the ability to communicate an emergency event.
- i. Working Around Equipment.
 - i. Demonstrate basic understanding of equipment working radius.
 - ii. Understand the equipment operator's limited visual field.
 - iii. Demonstrate the ability to communicate or correct known hazards.
 - iv. Identify the safe distance for the work being performed.
- j. Material Handling, Sort, Sizing, and Segregation
 - i. Identify recyclable materials.
 - ii. Identify ferrous and non-ferrous materials.
 - iii. Demonstrate the ability to maintain an organized staging area.
 - iv. Understand the different handling procedures between scrap and salvageable equipment materials.



- v. Understand the different handling procedures between recyclable and disposable materials.

k. Emergency Response

- i. Understand the elements and components of an emergency response plan.
- ii. Ability to follow an emergency response plan.

DOMAIN 5: PEOPLE SKILLS – WORKPLACE BEHAVIOR (13%)

a. Drugs and Alcohol

- i. Recognize impairment and communicate to their supervisor.

b. Stop Work Authority

- i. Identify when a stop work order is appropriate.
- ii. Understand the ability to apply a stop work order.

c. Identify Hazards

- i. Ability and responsibility to communicate real-time hazards appropriately to coworkers (e.g., reporting near misses, unplanned events, etc.).
- ii. Responsibility to communicate unplanned events and near misses to your supervisor.
- iii. Understand and apply situational awareness practices.
- iv. Understand hazards associated with repetitive tasks and positioning.
- v. Demonstrate the ability to prevent a hazard towards coworkers.

d. Inclusive Work Environment

- i. Ability to understand a non-discriminatory work environment.

e. Social Media



- i. Understand the company and project social media and public relations policy.

CDS Exam Content Outline

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

