



CANDIDATE HANDBOOK

CONTENTS

General Information	4
About NICET.....	4
The Value of Certification	4
Purpose.....	4
General Requirements for Certification.....	5
Terms and Definitions.....	5
Inspection & Testing of Water-Based Systems Requirements and Information.....	9
Level I – Technician Trainee	9
Level II – Associate Engineering Technician	11
Level III – Engineering Technician	13
Creating an Online Account	15
Existing Customers.....	15
New Customers	15
Submitting an Application	16
Application Cards and Purchasing Exams.....	16
Performance Verification Requests	16
Recommendation Requests (Level III only)	16
Work History.....	16
Finalize.....	17
Training and Preparing for the Examinations.....	17
Practice Tests.....	17
Recognized Training Providers.....	18
Selected General References	18
Additional Examination Information	18

Testing Window	18
Scheduling the Examination.....	18
Examination Administration	19
Examination Testing Center Requirements and Instructions.....	19
Online Proctored Testing Requirements and Instructions (ITWBS Level I only)	19
Special Accommodations for the Examination	20
Examination Score Report	20
Rescheduling/Cancellation Policy for Examination	21
Reexamination.....	21
Candidate Appeals and Complaints.....	21
Candidate Appeals Process.....	21
Candidate Complaints Process.....	22
Certification Fairness Policies.....	23
Nondiscrimination	23
Accommodations	23
Impartiality	23
Conflict of Interest	24
Security Policies	24
Privacy and Confidentiality	24
Exam Security	24
Records Control	25
Professional Conduct Policies	25
Code of Ethics	25



The clipboard with checkmarks icon indicates important information concerning completing the application.



The hand icon indicates tips to avoid common application issues that could cause unnecessary delays.

GENERAL INFORMATION



Information provided in this candidate handbook is intended to help you through the certification process. However, certification requirements, exam content, fees, process, procedure, etc. are subject to change at any time. Please visit www.nicet.org for the most up-to-date information.

About NICET

NICET (National Institute for Certification in Engineering Technologies) is a not-for-profit organization created by the National Society of Professional Engineers (NSPE) to promote excellence in engineering technologies through certification and related services.

NICET's mission is to provide an independent evaluation of technical knowledge and experience among those working in the fields of engineering technology through certification; define and support career paths for engineering technologists and related disciplines; and ensure recognition of and continued professional development for certified individuals.

The Value of Certification

A high-quality certification validates an individual's knowledge, skills, and abilities in a defined profession, occupation, skill, or role. Certified individuals in the workforce reduce risk and enhance consumer protection and public safety. In addition, these certifications allow employers and other stakeholders to identify individuals with the competencies needed to perform a role or task.

Purpose

The Inspection and Testing of Water-Based Systems (ITWBS) certification program is for engineering technicians engaged in the inspection, testing, and maintenance of existing water-based fire protection systems, including identifying and addressing emergency and pre-planned impairments. Areas covered include inspection; testing; documentation; safety; and work management. Technical areas covered include types of water-based systems and their components; types of damage and deficiencies that can impact system operation; basic building features; system inspection and testing frequencies, requirements, and procedures; use of appropriate tools and test equipment; working safely with minimal impact on surroundings; applicable codes and standards, primarily NFPA 25; impairment procedures; and reporting of findings.

General Requirements for Certification



Successful candidates must pass an exam or exams, complete a work history description that documents and meets specific industry related experience, successfully perform key role-specific activities, and obtain a personal recommendation (Level III). Once earned, certification must be maintained through Continuing Professional Development (CPD) and recertified every three years.

Requirements for higher levels of certification include meeting all lower-level requirements.

Terms and Definitions



Examinations

Exams are administered on a computer at a proctored test center managed by a test administration company.



Level I exams are also offered in an online proctored format called OnVUE. The option to choose taking your exam online or at a test center is presented during exam scheduling.

You will be required to sign an NDA (Non-Disclosure Agreement) to begin your exam. Failure to accept will result in a failed score and fees will be forfeited. The NDA is as follows:

“You must accept the Non-Disclosure Agreement (NDA) in order to take this exam. I understand that NICET tests and test questions are owned and copyrighted by NICET and affirm that I will not share the content of any NICET examination with any other person. I acknowledge that divulging the contents of this examination to others in any manner is expressly forbidden and may subject me to sanctions.”



References that are allowed to be used during the exam are listed on the complete [References](#) page.

Each test session begins with a tutorial allowing you to get used to the process. During the test, you will see one question at a time, but can move forward or backward to view or review other questions. Some questions include a graphic or document that can be viewed by clicking on the

Exhibit button. Exhibits may be in color. Answer options are selected by clicking on the appropriate circles or boxes next to the answers. In a few questions, you may be presented with a picture and asked to click on the part of the picture that correctly answers the question. Questions may have more than one correct answer, but in those cases, you will be told how many answer options are required. You will receive an unofficial score report at the conclusion of your test session.

Both a basic calculator and a scientific calculator are built into the exam. Candidates **may not** bring any personal calculators into the testing room.

Exams are only offered in English.



Work History (all levels)

A complete and detailed record of employment history with dates, employers, locations, positions held, status, supervisors, and work performed. All work activities, regardless of relevance to the certification, should be included.



First-time applicants (and those specifically directed to do so by NICET): For the span of your entire career, add and complete an entry for each position held at each employer and for any period within a given position in which your responsibilities changed significantly.

Returning applicants (those seeking certification at higher levels and additional subfields) and those wanting to document Active Practitioner points toward recertification: Follow the instructions above solely for the period of time from the end date of your last work history submittal to the date that you submit a new application. If you have previously submitted paper, PDF, scanned, etc. documents and do not know the date of your last submission, [contact NICET](#).

This section contains three pieces per entry: the Subfield/Technical Area (S/TA) selection, the percentage allocation, and the detailed description. The detailed description should be a summary in your own words of the work you performed.

The description, at a minimum, should include:

- Specific duties performed per your position/title
- Details about the technical and supervisory nature of the work
- Typical equipment, systems, and components that you have sold, designed, installed, tested, inspected, and/or maintained
- Specific calculations and layouts
- Specific tests and inspections that you have performed
- Examples of project types that you have worked on



Please note that copying the same description for each S/TA, position, or employer is not acceptable. While various positions may perform similar functions, each requires

descriptions of specific duties and tasks performed in different roles and/or with different employers.



Work History Format and Examples

As a [Position/Title], I performed the following duties relating to [selling, designing, installing, testing, inspecting, and/or maintaining] [sub-field systems]. This included [supervisory positions]. (*For Level III — include managerial roles per certification requirements.*)

In performing my duties, I worked on [examples of project types], [typical equipment, systems, and components], [technical nature/specific calculations and layouts], [specific tests and inspections that you have performed].



PERFORMANCE

Performance Measures (all levels)

A set of activities that a supervisor or someone in a supervisory capacity must verify that the candidate has performed satisfactorily. This section of the application must be completed by the verifier.

Verifier

A current or previous supervisor as listed in the candidate's documented work history. The verifier does not have to be certified by NICET but must be a responsible and technically competent individual who is, or was, in a position and have the authority to directly supervise, inspect, and/or approve the applicant's work and verify that the candidate has demonstrated the required competencies, specific accomplishments, and project work related to the certification subfield and level.



A verifier cannot be a nontechnical supervisor, a peer, or a subordinate of the candidate.

Company owners, company presidents, and others in positions of similar hierarchies must find someone outside their companies to serve as their verifiers (e.g., authority having jurisdiction, general contractor, engineering consultant, licensed engineers, etc.).

If a candidate has identified multiple current direct supervisors, then the performance verification may be provided by a single verifier or a combination of verifiers as applicable. Each verifier must complete a Verifier Data form.

When needed and in situations of conflict or discrepancy, a verifier of record may be requested by NICET to clarify claims or inconsistencies, or to endorse and sign off on the candidate's documented work history submittals attesting to and confirming their accuracy and completeness.



RECOMMENDATIONS

Personal Recommendation (Level III)

An attestation of the technical quality, responsibility, and ethics demonstrated in the applicant's work experience by a professional who is familiar with the technical capabilities and background of the applicant.

Recommender

A professional who is familiar with the technical capabilities and background of the applicant and can attest to the technical quality, responsibility, and ethics demonstrated in the applicant's work experience.

NICET accepts recommendations from licensed professional engineers and NICET Level IV technicians. NICET will also accept recommendations from other professionals such as registered land surveyors, senior engineering technicians, graduate engineers, architects, geologists, scientists, fire marshals, code officials, or officials of other authorities who have jurisdiction appropriate for the certification.



The person who completes the recommendation form cannot be a current or a previous verifier for the candidate (i.e., provide the Performance Measure verifications for the candidate).

NICET will not accept recommendation forms that are completed by relatives, peers, or subordinates of the applicant.



Recertification

To protect the public's interests and promote your stature on the engineering team, NICET encourages and requires professional advancement through recertification.

Certification is valid for three years and requires that you earn Continuing Professional Development (CPD) points to recertify. Once you are certified, you should begin tracking CPD activities according to a pre-established point scale. At the end of the three-year certification period, you must demonstrate your professional growth by documenting 90 CPD points for each certification.



The three-year certification period is established with the first certification you earn. All subsequent NICET certifications and higher levels expire on the same date as the first certification.

CPD Category	Maximum points per 3-year certification period
Active Practitioner	72 (up to 24 per year)
Additional Education	72
Advance Profession	45

Certification Activity	90
Special Exam	45

CPD points are divided among five categories, and your CPD points must be derived from two or more of these categories. Each category has a maximum number of points that may be counted towards recertification.

INSPECTION & TESTING OF WATER-BASED SYSTEMS REQUIREMENTS & INFORMATION

NICET levels of certification are designed to provide a career track from entry to senior level. Each level has its own set of requirements, examinations, and application fees. The exam content outline provides information about what is covered in each domain (section) of the exam and the approximate percentage that each domain makes up of the total exam.

Level I – Technician Trainee

The candidates for NICET certification at Level I in Inspection & Testing of Water-Based Systems should have the knowledge, experience, and basic skills needed to work in the industry. Under the direct supervision of a qualified technician, they assist in the inspection and testing of water-based systems. Level I technicians have at least 6 months of experience in water-based systems.



Level I Exam Requirement: <i>Pass the Level I Exam</i>	
Content Domain	% of Examination
Safety	5-15%
Identify Condition and Operation of System Components	32-43%
Prepare Preliminary Documentation	17-27%
Operate Components Under Direct Supervision	26-36%
Number of Questions	Duration
115	125 minutes
Application Fee \$230	



Level I Performance Requirement: *Obtain supervisor verification of all Level I Performance Measures*

Level I	Performance Measures
0304-1101	maintain personal safety on the jobsite.
0304-1102	follow verbal or written instructions, obtaining information when needed.
0304-1103	locate basic information in NFPA 25.
0304-1104	reliably identify equipment commonly used in inspecting and testing of water-based systems.
0304-1105	reliably identify components commonly used in water-based systems.
0304-1106	identify physical damage to components of water-based systems.
0304-1107	confirm that control valves are in the correct position.
0304-1108	determine whether existing signage is properly attached and legible.
0304-1109	accurately record inspection and testing data in the field.
0304-1110	responsibly use tools and equipment per their design.
0304-1111	effectively communicate with supervisor or co-workers.



Level I Work History Requirement:

Provide complete detailed position descriptions and time allocations showing:

A minimum of 6 months* of involvement with water-based fire protection systems inspection, testing, repair and maintenance activities. This may also include up to 3 months of any combination of the following activities:

- Installation and/or acceptance testing of water-based systems
- Governmental enforcement of inspection and testing requirements for water-based systems
- Insurance review of inspection and testing activities for water-based systems
- Water-based systems layout
- Fire alarm systems inspection

*Time periods are full time equivalent.

Level II – Associate Engineering Technician

The candidates for NICET certification at Level II in Inspection & Testing of Water-Based Systems should have the knowledge, experience, and basic skills needed to work in the industry. Under limited supervision, they inspect, test, and maintain wet and dry systems, standpipes, fire pumps, private service mains, and water tanks. They verify that the system and components in place are reasonably operable as installed and document results for the responsible party. Level II technicians have at least 2 years of experience in water-based systems.



PASS EXAM(S)

Level II Exam Requirement: *Pass the Level I and II Exams*

Content Domain	% of Examination
Safety	5-15%
Communication	5-15%
Perform, Document, and Interpret Intermediate ITM Tasks	30-40%
Perform, Document, and Interpret ITM tasks for Water Supplies	25-35%
Internal Obstruction Investigation	10-20%
Number of Questions	Duration
168	185 minutes

Application Fee \$310



PERFORMANCE

Level II Performance Requirement: *Obtain supervisor verification of all Level I and II Performance Measures*

Level II	Performance Measures
0304-3101	plan a sequence of inspection and testing tasks that efficiently meet the requirements of codes and standards.

0304-3102	determine the age of different types of installed sprinklers.
0304-3103	determine the internal presence of foreign material in opened pipes by visual inspection.
0304-3104	read and interpret fire protection plans, acceptance reports, and inspection and testing reports.
0304-3105	conduct pre-inspection meetings in order to acquire sufficient information for complete and accurate inspections.
0304-3106	conduct inspections and tests without unnecessary disruption to the client's work processes.
0304-3107	conduct and report on a fire pump test without direct supervision.
0304-3109	work within the scope and limitations of the role of the inspector (avoiding evaluations based on design standards while performing NFPA 25-compliant inspection and testing activities).
0304-3110	conduct post-inspection meetings that convey complete and accurate information to the owner/representative.
0304-3111	follow regulations for personal and/or crew safety.
0304-3112	manage the discharge from flow tests to avoid property damage or work disruption.
0304-3113	conduct and report on inspection, testing, and maintenance activities conducted on wet or dry water-based systems without direct supervision.
0304-3114	implement and understand the proper or applicable impairment procedures.



Level II Work History Requirement:

Provide complete detailed position descriptions and time allocations showing:
A minimum of 2 years* of work experience in the inspection and periodic testing of water-based fire protection systems.

Of these 2 years, a candidate must have a minimum of one (1) year of direct work experience in the inspection and periodic testing of existing water-based fire protection systems.

The remaining year may be a combination of:

- Direct inspection and testing of water-based systems
- Up to a year of maintenance and repair of water-based systems

Up to 3 months** of any combination of the following activities:

- Water-based systems installation and/or acceptance testing
- Governmental enforcement of inspection and testing requirements for water-based systems
- Insurance review of inspection and testing activities for water-based systems
- Water-based systems layout
- Fire alarm systems inspection

*Time periods are full time equivalent.

** The three (3) months of related experience are not accumulative. This is the total amount allowed for all levels.

Level III – Engineering Technician

The candidates for NICET certification at Level III in Inspection & Testing of Water-Based Systems should have the knowledge, experience, and basic skills needed to work in the industry. Working independently without supervision, they inspect, test, and maintain complex water-based systems. They are qualified to train and supervise lower-level technicians. They use a functional knowledge of all aspects of NFPA 25 and other applicable codes and regulations to advise owners, users, and AHJs of the results of ITM services. Level III technicians have at least 5 years of experience in water-based systems.



Level III Exam Requirement: <i>Pass Level I, II, and III Exams</i>	
Content Domain	% of Examination
Deluge and Preaction Systems	20-30%
Foam Systems	5-15%
Water Mist and Water Spray Systems	4-14%
Pressure-Reducing Valves	10-20%
Internal Obstruction Investigation	15-25%
Interpret Flow Test Results	12-22%

Automated Inspection and Testing	1-9%
Number of Questions	Duration
Pilot Test: 185	200 minutes
Application Fee (Pilot Test) \$180	
Application Fee \$365	

Detailed information regarding ITWBS-III Pilot Test can be found on the [NICET website](#).



Level III Performance Requirement: Obtain supervisor verification of all Level I, II, and III Performance Measures

Level III	Performance Measures
0304-5101	assure that inspection and testing team members have the qualifications, knowledge, and tools to properly complete assigned jobs.
0304-5102	identify the presence of special systems such as foam, water mist, or ultra-high speed water spray.
0304-5103	create the flow required for various tests.
0304-5104	manage the discharge from flow tests to avoid property damage or work disruption.
0304-5108	identify and test various types and configurations of detection systems that cause the activation of preaction and deluge systems.
0304-5109	complete formal reports on a variety of testing and inspection activities that clearly and accurately present and interpret the results to the designated parties.
0304-5110	use test equipment to accurately measure water flow.
0304-5111	follow regulations for personal and/or crew safety.
0304-5112	identify potential and real hazards in inspection, testing, and maintenance activities.
0304-5113	maintain personal safety on the jobsite.



Level III Work History Requirement:

Provide complete detailed position descriptions and time allocations showing:

A minimum of 5 years* of work experience in the inspection and periodic testing of existing water-based fire protection systems.

Of these 5 years, a candidate must have a minimum of three (3) years of direct inspection and periodic testing of existing water-based fire protection systems.

The remaining two (2) years may be a combination of:

- Direct inspection and testing of water-based systems
- Up to two (2) years of maintenance and repair of water-based systems

Up to 3 months** of any combination of the following activities:

- Water-based systems installation and/or acceptance testing
- Governmental enforcement of inspection and testing requirements for water-based systems
- Insurance review of inspection and testing activities for water-based systems
- Water-based systems layout
- Fire alarm systems inspection

*Time periods are full time equivalent.

** The three (3) months of related experience are not accumulative. This is the total amount allowed for all levels.

Level III Personal Recommendation: *Obtain recommendation ratings showing a capacity for independent engineering technician responsibilities*

CREATING AN ONLINE ACCOUNT

Existing Customers

If you have applied, tested, been certified, or even just created an account with your email and password, we most likely have a record. It is always best to use an existing account.

Go to our [login page](#) to login using your email and password. If you don't remember your password, use the Reset Password function to receive instructions by email. If you don't know or no longer have access to the email account in your record, please [contact us](#).

New Customers

Go to our [registration page](#) and complete the form to create a new account.



Make sure that nicet-noreply@useclarus.com is marked as an allowed/friendly address in any junk or spam filters you may have. All communication concerning exams, certification, and recertification are sent from that address.

SUBMITTING AN APPLICATION



Application Cards and Purchasing Exams

Once you have logged in to your NICET account, the first step is to add an “application card” to your home screen. Click “Apply” in the navigation bar to see the cards for every certification NICET offers. You may use the search to narrow down the selection or page through to find the certification(s) you are seeking. Click the green “Save to Home” button.

The Application Card now resides on your home screen.

To purchase the exam, click the exam name on the left side of the Application Card.

To start the experience section of the application, click the blue “Apply Here” button.

Performance Verification Requests

Enter the name and email of your direct supervisor and click send. When you click send, an email survey is sent to the email address listed (it is best to let them know to expect it and make nicet-noreply@useclarus.com an allowed email address) and a “Sent requests:” log is added. The status in the sent request changes from “Pending responder” to “Submitted” with a date once your verifier completes the survey. It will also show a link to “View Details” to see the responses. To qualify for certification, all performance measures must be verified with a yes answer. More than one verifier may be used if necessary.

Recommendation Requests (Level III only)

Enter the name and email address of a professional who is familiar with your technical capabilities and background and can attest to the technical quality, responsibility, and ethics demonstrated in your work experience. When you click send, an email survey is sent to the email address listed (it is best to let them know to expect it and make nicet-noreply@useclarus.com an allowed email address) and a “Sent requests:” log is added. The status in the sent request changes from “Pending responder” to “Submitted” with a date once your recommender completes the survey.

Work History

First-time applicants (and those specifically directed to do so by NICET): For the span of your entire career, add and complete an entry (Click “+Add”) for each position held with each

employer and for any period within a given position in which your responsibilities changed significantly.

Returning applicants (those seeking certification at higher levels and additional subfields) and those wanting to document Active Practitioner points toward recertification: Follow the instructions above solely for the period of time from the end date of your last work history submittal to the date you submit a new application. If you have previously submitted paper, PDF, scanned, etc. documents and do not know the date of your last submission, contact NICET.

Use the “+” button to break your experience down into all applicable technical areas in which you have worked for each time period. If you have experience in areas that are not listed, use “Other” and explain in the description. Do not add technical areas for which you have not worked.

This section contains three pieces per entry: the Subfield/Technical Area (S/TA) selection (select S/TA from dropdown list), the percentage allocation (enter percent of work devoted to S/TA in right side column), and the detailed description (enter description in the text box below the S/TA dropdown list). Create an entry for S/TA. The detailed description should be a summary in your own words of the work you performed.

Finalize

Once you have the verification from your supervisor and have updated your work history, read the final instructions, agree to the affidavit, and click "Finalize" to indicate to NICET staff that your submission is ready for review. Once you click “Finalize”, your submission must not be altered unless requested by NICET.

TRAINING AND PREPARING FOR THE EXAMINATIONS

Good training teaches the knowledge and skills needed to perform well on the job. We recognize that training comes in many forms, companies and agencies have different resources, and individuals have different learning styles. NICET does not prescribe any one specific training course, school, or provider and allows customers to choose the training that works best for them. Training and professional certification are vital for developing a qualified workforce.

Practice Tests

The ITWBS program has [online practice tests](#) at all levels to help you get familiar with the content and exam interface. While we do provide feedback at the end with the percentage of correct questions in each section, performance on the practice test is not necessarily an accurate predictor of how you will perform on the certification exam.

Recognized Training Providers

NICET has agreements with industry associations, colleges, technical schools, and training companies. The listing is intended to help you find training that works best for you. NICET does not review, monitor, or endorse training programs and materials. For more information, visit our [training providers page](#).



Selected General References

These are lists of resources that candidates might find helpful in developing the knowledge for that level of certification. (No particular books, training, or education programs are required or endorsed for certification.) Selected General References are found on each program page under Reference Materials.

The diagram consists of two side-by-side panels from a NICET document. The left panel, titled "Fire Alarm Systems Level III Selected General References", lists four references: NFPA 70 (2014), NFPA 72 (2016), NFPA 101 (2015), and IBC (2015). A red line connects the NFPA 70 reference to the "Installation" section of the right panel. A blue line connects the NFPA 72 reference to the "Maintenance" section. The right panel, titled "Fire Alarm Systems Certification Level III Content Outline", lists two main sections: "3.1 Installation" (23-33% of the exam) and "3.2 Maintenance" (18-28% of the exam). The "Installation" section includes sub-points 3.1.1, 3.1.2, and 3.1.3. The "Maintenance" section includes sub-point 3.2.1. A red line connects the NFPA 70 reference to the "Installation" section, and a blue line connects the NFPA 72 reference to the "Maintenance" section. A note at the bottom of the left panel states: "Note: An NFPA Handbook will NOT be accepted as a substitute for any of the titles listed above."

This image shows how the references map to the content outline. This same system of mapping the reference list to the content outline applies to all NICET certification exams with similar formatting.

ADDITIONAL EXAMINATION INFORMATION

Testing Window

During the application process, applicants choose a six-month window, during which they will take their exams. The window allows for flexibility to schedule a convenient test date.

Scheduling the Examination

Applicants must schedule the exam location and time with Pearson VUE testing centers. Once the application has been processed, candidates can schedule the examination immediately after payment is processed.

Examination Administration

Pearson VUE has numerous testing centers across the county where ITWBS candidates can take their examinations. Candidates for ITWBS Level I may also take their examinations using an online proctored system.

Examination Testing Center Requirements and Instructions

Candidates are asked to arrive at the test center 30 minutes before the scheduled appointment time. This will give you adequate time to complete the necessary sign-in procedures, which include providing identification documents.

You are required to present two forms of original (no photocopies), valid (unexpired) IDs. One must be a primary ID (with name, photo, and signature), such as a driver's license or passport, and one must be a secondary ID (with name and signature), such as a credit card. The first and last name that you used to register must match exactly with the first and last name on the ID that is presented on test day. Digital IDs are not acceptable at Pearson VUE testing centers. All required IDs must be issued by the country in which you are testing. If you do not have the qualifying ID issued from the country you are testing in, a passport from your country of citizenship is required, along with a secondary ID. If you have any questions or concerns about the IDs that you are required to bring with you to the testing center for admittance to your exam, please contact [Pearson VUE customer service](#).

You will not be allowed to take any personal items with you into the testing room. This includes all bags, resources or books not authorized by the testing program, notes, cell phones, pagers, watches, and wallets. Pearson VUE testing centers provide lockers with which to store your personal items.

If you arrive more than 15 minutes late for an exam and are refused admission, the testing fee is forfeited. You will have to request a re-authorization and may have to pay an additional fee.

Online Proctored Testing Requirements and Instructions (ITWBS Level I only)



Level I may be administered using OnVUE for remote proctored online delivery. See [System Requirements, Additional Permissions, and Helpful Instructions](#) before selecting.

Candidates choosing online, remote proctored testing are asked to log into their testing session 15 minutes prior to the scheduled appointment time. This will give you time to repeat the system check and to make any adjustments.

Candidates may test on a personal or work computer. However, work computers generally have restrictions such as firewalls that may prevent successful delivery. Tablets are prohibited.

Before starting your exam, ensure that you are connected to a power source. Internet cookies must be enabled and pop-up blocking settings must be disabled.

A wired connection is preferred over wireless. Tethering to a mobile hotspot is prohibited.

You must use a webcam with a minimum resolution of 640x480 at 10 fps. You will need to verify that your audio and microphone are not set on mute. You should also shut down all non-essential applications before launching the OnVUE software.

Your testing environment should be in a walled room with a closed door and without distractions. No one else is permitted in the room with you while you are testing. If another person enters the room while you are testing, your exam will be terminated.

You are required to present a current government-issued ID. The name on your ID must match the name in your web account profile and in your appointment confirmation email. Acceptable forms of identification include a driver's license, passport, military ID, identification card (national/state identify card), or alien registration card (green card, permanent resident, visa).

You can only use references that have been approved for Level I.

Note: The name on the ID must match the name used on the exam application, or you will not be allowed to take the exam.

Special Accommodations for the Examination

It is NICET's policy to comply with Title III of the American with Disabilities Act (ADA). NICET will offer examinations in a place and manner accessible to persons with qualifying disabilities or offer alternative accessible arrangements for such individuals, where feasible.

Candidates must submit requests for accommodations to NICET at test@nicet.org and all requests must be approved at least 10 business days before the scheduled exam date.

To qualify for testing accommodation under the ADA, you must demonstrate that you have a qualifying disability that necessitates the provision of testing accommodation.

A disability is defined by the ADA as a physical or mental impairment that substantially limits one or more major life activities, as compared to most people in the general population.

Examination Score Report

Candidates are notified immediately regarding pass/fail status upon completion of the examination. An official score report will be available to candidates in the Pearson VUE portal within 14 days following completion of the examination.

Candidates that do not receive a passing score will receive a scaled score for the exam indicating the percent correct for each domain or section.

Rescheduling/Cancellation Policy for Examination

Rescheduling more than 24 hours before your exam date is complimentary in the same testing window. Please contact [Pearson VUE](#).

Within 24 hours after your scheduled date or for a new testing window, there is an additional fee equal to one half of the original testing fee. For more information on rescheduling, [click here](#).

Rescheduling your NICET exam has never been easier, and in most cases, does not incur any additional fees. Additional fees may apply if rescheduling is attempted within 24 hours of the appointment time, the eligibility window expires, or there is less than 24 hours until the eligibility expires.

The best way to reschedule your exam is to login to your NICET account and click “Schedule” in the left side navigation, then “Schedule with Pearson VUE” for the exam you want to reschedule.

Candidates who are testing using the online remote proctored (OnVUE) option may reschedule their appointment date/time right up until their appointment without incurring additional fees.

You will not be eligible for a refund if you cancel your examination once an examination has been scheduled.

Reexamination

If you do not pass the ITWBS Level I, II, or III examinations, you can reschedule the examination after a 30-day period has elapsed. Retesting is limited to a maximum of three attempts in any 12-month span. After the third attempt, candidates must wait 6 months before retesting again.

CANDIDATE APPEALS AND COMPLAINTS

NICET certification is granted when the applicant for certification has demonstrated, through examination and submission of qualifications, the knowledge and skills required to properly function in a capacity relevant to the certification.

Candidate Appeals Process

An appeal is a formal request for special consideration made by the NICET Board of Governors or its representative related to an individual’s achievement or retention of a certification.

An appeal must be submitted electronically to test@nicet.org with the word “Appeal” included in the subject header. The appeal must be submitted no later than 30 calendar days after notification by NICET of the adverse decision.

An appeal must include:

- Name and email address of the appellant;
- A description of why the appeal should be granted;
- Name of the certification; and
- All relevant documentation that supports the appeal.

We will acknowledge your appeal in writing within 10 business days of receipt.

Written notice of the Appeals Panel's determination (Appeal Denied or Appeal Approved) or a progress notice (Appeal Forwarded or Appeal Delayed) will be provided to the appellant within 10 business days of the determination.

If applicable, appeals are sent to an independent Appeals Team (a three-member team pulled from the Appeals Panel) for consideration. The appeal will be considered no later than 90 calendar days after the appeal receipt.

Written notice of the Appeals Team's determination (Appeal Denied or Appeal Approved) or a progress notice (Appeal Delayed) will be provided to the appellant within 10 business days of the determination.

Candidate Complaints Process

Individuals with concerns regarding the certification program materials, personnel, or activities are encouraged to discuss these with the individuals involved to try to resolve the matter informally. In some cases, however, informal resolution is not possible, and individuals may wish to file a formal complaint.

A formal complaint must be submitted electronically to test@nicet.org with the word "Complaint" in the subject header within 90 calendar days of the incident's occurrence.

The following are the types of complaints accepted and possible actions.

Type I. Complaints pertaining to an applicant's or certificant's qualifications for a particular certification. These complaints shall pertain to examination misconduct; false, incomplete, or misleading application information; improper work performance verification; or a false or misleading personal recommendation. Possible actions may include temporary suspension or permanent revocation of certification(s).

Type II. Complaints pertaining to violations of the NICET Code of Ethics by an applicant or a certificant. Possible actions may include reprimand, temporary suspension of testing privileges or certification(s), or permanent revocation of testing privileges or certification(s).

Type III. Complaints pertaining to an applicant's or certificant's improper execution of the technical practices that are an integral part of the certification. Possible actions may include reprimand, withholding certification, temporary suspension of certification(s), or permanent revocation of certification(s).

Type IV. Complaints pertaining to an individual’s representation that he or she holds a valid NICET certification. Possible actions may include sending a letter to the individual stating that NICET has no records of their certification. If NICET records show that the individual's certification has expired, the letter will include:

1. The date of expiration;
2. The reason for expiration; and
3. What the individual is required to do to obtain a valid certification.

If a preliminary investigation of the information/evidence reveals a valid complaint, the individual(s) named in the written complaint will be sent a “Notice of Complaint.” The NICET Board of Governors will also request any additional information needed and a specific timeframe for providing such information. If this additional information is not received, a decision will be made based on the information initially provided.

If it is determined that no further action is warranted, the complainant will be advised in writing of the outcome of the initial assessment within 30–45 days after receipt of the complaint.

CERTIFICATION FAIRNESS POLICIES

Nondiscrimination

NICET adheres to the principles of fairness and due process and endorses the principles of equal opportunity. NICET certification programs will not discriminate or deny opportunity to anyone on the grounds of age, race, religion, gender, sexual orientation, gender identity, national origin, veteran status, or disability.

It is critical that an equal opportunity is provided to every individual and that no person or group is given special treatment in the granting of any credential.

Accommodations

It is NICET’s policy to comply with Title III of the American with Disabilities Act (ADA). NICET will offer examinations in a place and manner accessible to persons with qualifying disabilities or offer alternative accessible arrangements for such individuals, where possible.

Impartiality

NICET’s leadership and management, including the NICET Board of Governors, endorses the principles of impartiality and equal opportunity, and commits to act impartially and equitably in relation to its applicants, candidates, and certificants, including but not limited to 1) applying its standards and requirements for examinations and certifications equally to all individuals regardless of age, race, religion, gender, sexual orientation, gender identity, national origin, veteran status, or disability, 2) implementing its policies and procedures impartially and fairly, 3) not restricting certification based on undue financial or other limiting conditions, and 4) not

allowing commercial, financial, or other pressures to compromise impartiality in certification activities.

Conflict of Interest

A conflict of interest may be defined as an interest that might affect, or might reasonably appear likely to affect, the judgement or conduct of an individual associated with the NICET Board of Governors, any staff member, contractor, or volunteer.

NICET will identify threats to impartiality related to its certification program(s). These analyses will consider at a minimum:

- Potential threats from its activities, its related bodies, its relationships with other entities, and the relationships of its personnel to other individuals or entities
- Commercial, financial, or other influences that pose potential threats
- Potential or real conflicts of interest of NICET Board of Governors members, panel members, staff, and contractors
- Balanced involvement of interested parties in certification activities, especially representation on the NICET Board of Governors and its panels
- Independence of NICET training activities from certification activities
- Changes in personnel involved with certification activities, organization structure, the certification schemes, certification policy, relationships with other entities, and contracts/agreements related to certification activities

SECURITY POLICIES

Privacy and Confidentiality

NICET will hold in confidence and in a secure manner the information obtained over the course of certification program activities at all levels of the organization, including activities of all personnel (paid, contracted, or volunteer) acting on its behalf. All candidate information will be considered confidential.

Exam Security

NICET will safeguard all examination materials over the course of certification program activities at all levels of the organization, including all personnel (staff, volunteers, and contractors) acting on its behalf. NICET will take proactive measures to prevent fraudulent examination practices, including but not limited to the following:

- Upon registering for an examination site, just prior to the start of the exam, candidates are required to sign an agreement indicating their commitment to not release confidential materials or participate in fraudulent test-taking practices
- Examination personnel will confirm the identity of the candidate upon check-in

- A proctor will be present during the examination
- The proctor will take measures to prevent the use of unauthorized aids in the examination area
- NICET's testing agency will monitor the examination results for indications of cheating
- For ONVUE remote proctored testing, Exam Environment Photos: Candidates are required to take four (4) photos of their exam environment during check-in.
 - Environment photos are used for the proctor's reference during the session and for quality control, security, and auditing purposes
 - Pearson VUE deletes check-in photos according to regulations in the country where a candidate sits for an exam
 - After a candidate submits photos, they are under exam conditions. The photos are reviewed by an OnVUE session greeter. Candidates are being recorded during this time and during the exam session

For remote proctored exams, in addition to the above, the below practices are followed to ensure exam security:

- Pearson VUE Browser Lock is a secure browser that is integrated with an OnVUE session. Browser Lock must be downloaded from the exam sponsor home page PRIOR to the exam. Browser Lock prevents candidates from:
 - Accessing other applications or the candidate's desktop
 - Task switching
 - Using function keys and certain keyboard shortcuts
 - Typing a URL
 - Cutting, copying, or pasting content outside of Browser Lock into the exam or copying content from the exam outside of Browser Lock
 - Screensharing

Records Control

NICET will restrict access to the certification records to only those personnel requiring access to accomplish certification-related duties.

Electronic copies of records will be archived according to the records control schedule.

Printed copies of records that are scanned to be stored electronically will be shredded. The documents/records will be held in a secure location if they contain information that must be protected.

PROFESSIONAL CONDUCT POLICIES

Code of Ethics

NICET-certified engineering technicians and technologists recognize that the services they render have a significant impact on the quality of life for everyone. As they perform their duties

and responsibilities on behalf of the public, employers, and clients, they shall demonstrate personal integrity and competence. Accordingly, certificants shall:

1. Have due regard for the physical environment and for public safety, health, and well-being. If their judgment is overruled under circumstances where the safety, health, property, or welfare of the public may be endangered, they shall notify their employer, client, and such other authority as may be appropriate. An employee shall initially express those concerns to the employer.
2. Undertake only those assignments for which they are competent by way of their education, training, and experience.
3. Perform their duties in an efficient and competent manner with fidelity and honesty.
4. Admit and accept their own errors when proven wrong and never distort nor alter the facts in an attempt to justify their decisions.
5. Avoid conflicts of interest whenever possible. When unavoidable, they shall disclose to their employer or client, in writing, any action that might create the appearance of a conflict of interest.
6. Avoid receiving and granting bribery in all its forms.
7. Strive to maintain their proficiency by updating their technical knowledge and skills in engineering technology.
8. Not misrepresent or permit misrepresentation of their own or their associate's academic or professional qualifications nor exaggerate their degree of responsibility for any work.
9. Not reveal facts, data, or information obtained in connection with services rendered without prior consent of the client or employer except as authorized by law.