



Candidate: _____

Candidate NICET ID No.: _____



NICET ENGINEERING TECHNICIAN CERTIFICATION Experience Application, Part II: Verifier Data

(Please print legibly or type)

To be completed by the Verifier only

Name: _____ Title: _____

Current employer: _____

Daytime phone: _____ Email: _____

Professional licenses/certifications: _____

My observation of the candidate occurred during my employment at:

☐ Current employer

☐ Previous employer: _____

My observation of the candidate occurred as a part of my role as:

☐ Candidate's direct supervisor

☐ Candidate's indirect supervisor/manager responsible for the candidate's work results/outcomes

☐ Engineer on one of the candidate's projects

☐ Governmental authority: _____

☐ Contract supervisor for: ☐ client, or ☐ general contractor

☐ Other: _____

I have (Check all that apply):

☐ directly observed the candidate's work.

☐ directly observed the results of the candidate's work.

☐ received reliable reports from those who have directly observed the candidate's work.

☐ observed the candidate's ability to supervise others who are doing this work.

During what time period were you in the above-indicated relationship with the candidate?

From ____ / ____ to ____ / ____
Mo. Yr. Mo. Yr.

Verifier's Statement:

I certify that:

- *I understand and have carefully considered each performance measure that I have verified or will verify.*
- *I have not verified, and will not verify, any performance measure that I have not either personally observed or received reliable and specific reports from one who has personally observed the performance.*
- *I have not signed, and will not sign, any verification statement on a form that does not have the candidate's name at the top.*
- *I have not asked nor will I ask anyone to sign my name in my stead.*

Signature _____ Date _____ Initials _____

Mail the completed Experience Application Package with payment to: NICET, c/o Bank of America, PO Box 418651, Boston, MA 02241-8651
If this form supplements a previously-paid experience evaluation, send it to: NICET Evaluation, 1420 King Street, Alexandria VA 22314



Candidate: _____ Verifier: _____

NICET ENGINEERING TECHNICIAN CERTIFICATION
Experience Application, Part III: Performance Verification
Video Security Systems Designer

Instructions to the Verifier: For each performance measure listed, please write your initials in the appropriate column to indicate whether you have witnessed the candidate demonstrate proper performance of the task.

Level I Performance Measures (verification required for certification at Levels I and II)						
General		Verifier's Initials				
2702-1001	The candidate has repeatedly demonstrated an ability to prepare clear, accurate, and properly dimensioned and labeled system drawings, including proper title block and legend information.					
2702-1002	The candidate consistently provides plans that are orderly and complete with all drawings, lists, documentation, and permits required for either client approval or installation work.					
2702-1003	The candidate has repeatedly demonstrated an ability to design for varying and extreme lighting conditions, selecting and positioning cameras to optimize image quality and area of coverage.					
2702-1004	The candidate has repeatedly demonstrated an ability to select transmission methods to overcome physical and environmental problems and maintain signal strength and signal-to-noise ratio sufficient to optimize image quality.					
2702-1005	The candidate has repeatedly demonstrated an ability to design a video security system that constitutes a cost-effective solution that satisfies the client's security needs.					
2702-1006	The candidate has repeatedly demonstrated an ability to recognize and avoid potential legal or privacy violations.					
2702-1007	The candidate has consistently and reliably demonstrated ethical behavior on the job, consistent with the NICET Code of Ethics.					
2702-2001	The candidate has selected and located 20 or more cameras within the previous year that meet the purpose and performance requirements of the client.					
2702-2002	The candidate has designed five or more video security systems with two or more control locations that meet the purpose and performance requirements of the client and the operator.					
2702-2003	The candidate has designed, for at least five video security systems, image storage and display that meet the purpose and performance requirements of the client.					
2702-2004	The candidate prepared five or more proposals for video security systems that were approved by company management and given to prospective clients, including at least one that was accepted by the client.					
2702-2005	The candidate has designed the interface between a video security system and a peripheral system (intercom, access control, burglar or fire alarms, or building environmental controls) to provide alarm conditions and response that meet the purpose and performance requirements of the client.					
Specific		Verifier's Initials				
2702-2006	<p>The candidate has completed at least five video security system design projects or sections of projects that meet the following criteria:</p> <ul style="list-style-type: none">At least three of the projects meet or exceed the criteria for a Type B system as defined below; <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><p style="text-align: center;">Type B System:</p><p>A complete system or subsystem with complete power and signal cabling AND:</p><table border="0" style="width: 100%;"><tr><td style="vertical-align: top; width: 50%;">at least <u>three</u> of the following:</td><td style="vertical-align: top; width: 50%;">AND at least <u>two</u> of the following:</td></tr><tr><td style="vertical-align: top;"><ul style="list-style-type: none">○ 1 or more PT/Z cameras○ 2 or more keyboards○ Matrix interfaced with alarms, A/C, or intercom (GPI or dry contact)○ Digital video recorders with programmable, alarm-based resolution and frame rate</td><td style="vertical-align: top;"><ul style="list-style-type: none">○ Optical fiber transmission○ Long cable runs (over 800 feet)○ 1 or more low light cameras○ 1 or more covert or portable cameras○ RF modulators</td></tr></table></div> <p style="text-align: center;">Candidate's personal involvement:</p> <p>Installation/Upgrade/Expansion project: all design work is personally performed by the candidate.</p> <ul style="list-style-type: none">In at least three of the projects, the system was personally designed by the candidate; in the remaining project(s), the design was directly supervised by the candidate.At least one Type B project was completed within the 12 months prior to today's date. <p>Note: This may or may not include projects verified elsewhere.</p>	at least <u>three</u> of the following:	AND at least <u>two</u> of the following:	<ul style="list-style-type: none">○ 1 or more PT/Z cameras○ 2 or more keyboards○ Matrix interfaced with alarms, A/C, or intercom (GPI or dry contact)○ Digital video recorders with programmable, alarm-based resolution and frame rate	<ul style="list-style-type: none">○ Optical fiber transmission○ Long cable runs (over 800 feet)○ 1 or more low light cameras○ 1 or more covert or portable cameras○ RF modulators	
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Statement of Verification: I verify that I have a detailed personal knowledge of the candidate's performance related to each of the performance measures that I have initialed above and that, in my best professional judgment and according to government and industry standards and best practices, each initialed statement is true and has been repeatedly and consistently demonstrated.

Signature: _____ Date: _____

Note: Verifier must have submitted one "Verifier Information" form related to this candidate.

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NICET ENGINEERING TECHNICIAN CERTIFICATION Experience Application, Part III: Performance Verification

Video Security Systems Designer

Level II Performance Measures

(verification required for certification at Level II)

Has the candidate demonstrated proper performance of the task?

General		Verifier's Initials												
2702-3001	The candidate has repeatedly demonstrated an ability to work with the client's IT personnel to develop a complete set of IP address assignments for a video security system.													
2702-3002	The candidate has repeatedly demonstrated an ability to communicate and work with IT and telecommunications personnel to achieve the communication infrastructure, bandwidth, and integration required for the designed functions and system purposes.													
2702-3003	The candidate has repeatedly demonstrated an ability to accurately monitor labor hours and materials expended on a project.													
Specific		Verifier's Initials												
2702-4001	The candidate has designed a network-based video security system that utilizes a LAN for video and control communication and has met the purpose and performance requirements of the client.													
2702-4002	The candidate has managed three or more complete Type C system design and installation projects within schedule and budget, and met the purpose and performance requirements of the client.													
2702-4003	<p>The candidate has designed a networked video security system that meets the purpose and performance requirements of the client for at least three of the following (indicate which by checking):</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><input type="checkbox"/> transit facility</td> <td style="width: 50%;"><input type="checkbox"/> industrial facility</td> </tr> <tr> <td><input type="checkbox"/> port facility</td> <td><input type="checkbox"/> office or educational campus</td> </tr> <tr> <td><input type="checkbox"/> hospital</td> <td><input type="checkbox"/> retail/entertainment facility with remote monitoring</td> </tr> <tr> <td><input type="checkbox"/> prison</td> <td><input type="checkbox"/> traffic control/monitoring</td> </tr> <tr> <td><input type="checkbox"/> casino</td> <td><input type="checkbox"/> system utilizing mobile cameras</td> </tr> <tr> <td><input type="checkbox"/> municipal facilities</td> <td><input type="checkbox"/> other: _____</td> </tr> </table>	<input type="checkbox"/> transit facility	<input type="checkbox"/> industrial facility	<input type="checkbox"/> port facility	<input type="checkbox"/> office or educational campus	<input type="checkbox"/> hospital	<input type="checkbox"/> retail/entertainment facility with remote monitoring	<input type="checkbox"/> prison	<input type="checkbox"/> traffic control/monitoring	<input type="checkbox"/> casino	<input type="checkbox"/> system utilizing mobile cameras	<input type="checkbox"/> municipal facilities	<input type="checkbox"/> other: _____	
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<input type="checkbox"/> port facility	<input type="checkbox"/> office or educational campus													
<input type="checkbox"/> hospital	<input type="checkbox"/> retail/entertainment facility with remote monitoring													
<input type="checkbox"/> prison	<input type="checkbox"/> traffic control/monitoring													
<input type="checkbox"/> casino	<input type="checkbox"/> system utilizing mobile cameras													
<input type="checkbox"/> municipal facilities	<input type="checkbox"/> other: _____													
2702-4004	<p>The candidate has completed at least seven video security system design projects or sections of projects that meet the following criteria:</p> <ul style="list-style-type: none"> At least five of the projects meet or exceed the criteria for a Type B system as defined at the bottom of this page. The system design process was carried out personally or directly supervised by the candidate. At least three of the projects meet or exceed the criteria for a Type C system as defined at the bottom of this page. The design process was personally managed/supervised by the candidate. The client requirements were personally determined and plan details were personally approved by the candidate. At least one Type C project was completed within the 3 years prior to today's date. <p>Note: This may or may not include projects verified elsewhere.</p>													

Statement of Verification

I verify that I have a detailed personal knowledge of the candidate's performance related to each of the performance measures that I have initialed above and that, in my best professional judgment and according to government and industry standards and best practices, each initialed statement is true and has been repeatedly and consistently demonstrated. **Signature:** _____ **Date:** _____

Type B Systems

A complete system or subsystem with complete power and signal cabling AND:
at least three of the following:

- ☐ 1 or more PT/Z cameras
- ☐ 2 or more keyboards
- ☐ Matrix interfaced with alarms, A/C, or intercom (GPI or dry contact)
- ☐ Digital video recorders with programmable, alarm-based resolution and frame rate

AND at least two of the following:

- ☐ Optical fiber transmission
- ☐ Long cable runs (over 800 feet)
- ☐ 1 or more low light cameras
- ☐ 1 or more covert or portable cameras
- ☐ RF modulators

Candidate's personal involvement:

Type B **Installation/Upgrade/Expansion** project: all design work is personally performed by the candidate.

Type C Systems

A complete complex system or subsystem with complete power and signal cabling AND:

- ☐ LAN/WAN connectivity
- ☐ IP addressing
- ☐ Serial communications
- ☐ PC-based control
- ☐ Digital video recorders with remote interface
- ☐ Network integration with other security or building systems
- ☐ Custom graphical operator interface
- ☐ Remote operation
- ☐ Wireless communication

Candidate's personal involvement:

Type C **Installation/Upgrade/Expansion** project: all design work is personally performed or managed/supervised, checked, and approved by the candidate.

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