



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

Verifier's 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: _____

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NICET ENGINEERING TECHNICIAN CERTIFICATION
Experience Application, Part III: Performance Verification
Construction Materials Testing - Asphalt

Performance verification may be provided by a single verifier or a combination of verifiers. Note: Each verifier must complete a Verifier Data form.

Instructions to the Verifier: For each performance measure listed, please write your initials in the column at right if you have witnessed that capability in the candidate's performance of their job.

Level I Performance Measures		
Group "A": <u>All of the following</u> must be verified. The candidate has repeatedly demonstrated an ability to:		Verifier's Initials
0207-1101	Use appropriate personal protective equipment (PPE).	
0207-1102	Attend safety training.	
0207-1103	Identify and report task-specific hazards.	
0207-1104	Reduce/split samples to appropriate size for various tests.	
0207-1105	Perform field density tests of compacted asphalt mixes.	
0207-1106	Perform aggregate gradation tests.	
0207-1107	Perform asphalt content tests of asphalt mixes (e.g., extraction, ignition, nuclear methods).	
0207-1108	Determine the moisture content of asphalt mixes.	
0207-1109	Determine the moisture content of aggregates.	
0207-1110	Perform the maximum theoretical specific gravity and density tests of asphalt mixes.	
0207-1111	Perform the bulk specific gravity tests of compacted asphalt mixes.	
0207-1112	Verify current calibration for Level I tests.	
0207-1113	Verify proper equipment operation for Level I tests.	

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.

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Performance Measures Continued to Next Page



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Level I Performance Measures (cont.)		
Group "B": At least 6 of the following must be verified. The candidate has repeatedly demonstrated an ability to:		
0207-1114	Identify locations on site from locations on plans.	
0207-1115	Document sampling location.	
0207-1116	Follow sampling procedure to obtain sample.	
0207-1117	Compare sampled material to product submittals.	
0207-1118	Label sample origin and material.	
0207-1119	Deliver samples to laboratory.	
0207-1120	Condition the samples for testing by temperature.	
0207-1121	Label the prepared samples.	
0207-1122	Perform the fractured face tests of aggregates.	
0207-1123	Collect all required test data for reports.	
0207-1124	Document field observations.	
0207-1125	Complete test forms and related reports.	
0207-1126	Report results to supervisor.	
0207-1127	Assess reasonableness of results.	

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Level II Performance Measures			Verifier's Initials
Group "A": <i>All of the following must be verified. The candidate has repeatedly demonstrated an ability to:</i>			
0207-3101	Perform job hazard analyses.		
0207-3102	Review safety data sheets (SDS).		
0207-3103	Perform aggregate unit weight tests.		
0207-3104	Perform coarse aggregate specific gravity tests.		
0207-3105	Perform fine aggregate specific gravity tests.		
0207-3106	Perform sand equivalent tests.		
0207-3107	Perform sieve analysis of mineral fillers.		
0207-3108	Perform (run, calculate, report) flat and elongated particles tests.		
0207-3109	Perform LA abrasion tests.		
0207-3110	Perform clay lumps and friable particles tests.		
0207-3111	Perform fine aggregate angularity (uncompacted void content) tests.		
0207-3112	Perform sulphate soundness tests.		
0207-3113	Determine asphalt mix void contents.		
0207-3114	Determine height of compacted asphalt samples		
0207-3115	Perform gyratory compaction of asphalt mixes.		
0207-3116	Perform Marshall compaction.		
0207-3117	Calculate asphalt mix volumetrics.		
0207-3118	Perform Marshall stability and flow tests.		
0207-3119	Establish roller patterns.		
0207-3120	Maintain equipment.		
0207-3121	Perform equipment verification.		
0207-3122	Verify equipment maintenance.		
0207-3123	Perform equipment calibration.		

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Level II Performance Measures (cont.)		
Group "B": <u>At least 6 of the following must be verified.</u> The candidate has repeatedly demonstrated an ability to:		
0207-3124	Determine what testing is needed on samples.	
0207-3125	Determine sampling frequencies.	
0207-3126	Determine sampling locations.	
0207-3127	Establish sampling procedures.	
0207-3128	Perform durability index tests.	
0207-3129	Perform Micro-Deval tests.	
0207-3130	Perform Hveem stability tests.	
0207-3131	Perform Hveem compactions.	
0207-3132	Perform drain down tests.	
0207-3133	Identify issues in mix placement.	
0207-3134	Identify issues of mix productions.	
0207-3135	Monitor asphalt plant productions.	
0207-3136	Identify asphalt paving equipment.	
0207-3137	Prepare lab or field test data for reports.	
0207-3138	Report preliminary test results to clients or contractors verbally.	

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Level III Performance Measures		
Group "A": <i>All of the following must be verified. The candidate has repeatedly demonstrated an ability to:</i>		Verifier's Initials
0207-5101	Design asphalt mix sampling programs.	
0207-5102	Design aggregate sampling programs.	
0207-5103	Proportion aggregates for mix designs.	
0207-5104	Prepare asphalt mixture using Superpave design procedures.	
0207-5105	Prepare asphalt mixture using Marshall design procedures.	
0207-5106	Determine asphalt mix volumetric properties.	
0207-5107	Evaluate asphalt mix productions.	
0207-5108	Inspect asphalt mix production plants.	
0207-5109	Train Level I and II asphalt technicians.	
0207-5110	Maintain asphalt test equipment calibration records.	
0207-5111	Maintain asphalt test equipment records.	
0207-5112	Maintain asphalt technician training records.	
0207-5113	Perform asphalt mixes and components proficiency sample testing.	
0207-5114	Prepare for asphalt mixes and components lab assessments.	
0207-5115	Evaluate asphalt mixes and components test results.	
0207-5116	Maintain asphalt mixes and components control charts.	

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Level III Performance Measures (cont.)		
Group "B": <u>At least 5 of the following must be verified.</u> The candidate has repeatedly demonstrated an ability to:		
0207-5117	Perform tensile strength ratio (TSR) tests.	
0207-5118	Perform immersion compression tests.	
0207-5119	Identify aggregate types.	
0207-5120	Identify asphalt mix types (i.e., dense graded, permeable, warm).	
0207-5121	Identify asphalt binder types.	
0207-5122	Prepare asphalt mixture using Hveem design procedures.	
0207-5123	Evaluate asphalt mix placements.	
0207-5124	Review asphalt mix and component sampling methods.	
0207-5125	Review asphalt mix testing procedures.	
0207-5126	Review aggregate testing procedures.	
0207-5127	Produce asphalt mix and component preliminary reports.	

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Level IV Performance Measures		
Group "A": <u>All of the following</u> must be verified. The candidate has repeatedly demonstrated an ability to:		Verifier's Initials
0207-7101	Evaluate technical data related to asphalt testing.	
0207-7102	Establish asphalt mix proportions.	
0207-7103	Develop job mix formulas (JMF).	
0207-7104	Manage the asphalt laboratory accreditation.	
0207-7105	Manage the technician training program.	
0207-7106	Finalize asphalt test reports.	

Group "B": <u>At least 8 of the following</u> must be verified. The candidate has repeatedly demonstrated an ability to:		
0207-7107	Develop a company safety program.	
0207-7108	Maintain a company safety program.	
0207-7109	Develop site specific job safety plans.	
0207-7110	Train staff to perform job hazard analyses.	
0207-7111	Investigate safety issues.	
0207-7112	Perform radiation safety officer (RSO) duties.	
0207-7113	Develop project budget estimates.	
0207-7114	Estimate material quantities.	
0207-7115	Resolve inconsistent specifications.	
0207-7116	Perform advanced asphalt mix testing.	
0207-7117	Select materials used in asphalt mixes.	
0207-7118	Verify asphalt mix design test results.	
0207-7119	Implement changes in industry standards.	
0207-7120	Create an asphalt testing laboratory quality system.	
0207-7121	Develop preliminary recommendations to the Engineer in Charge.	
0207-7122	Manage company resources (i.e., employees, schedules, budgets, equipment).	

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