NABCEP PV Entry Level Exam Provider Application

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GENERAL INFORMATION

Please ensure that you have thoroughly reviewed the Entry Level Provider Info Packet before completing this application.

Additional pages and supporting documentation should be attached as necessary.

DATE: _____

NAME OF ORGANIZATION: _____

_____

WEB ADDRESS: _____

DEPARTMENT: _____

MAILING ADDRESS: _____

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MY ORGANIZATION IS:

☐ Accredited by an agency recognized by the U. S. Department of Education[1]

Agency Name_____

☐ A U.S. Department of Labor Approved Apprenticeship Program[2]

☐ An ISPQ Accredited Training Program or Continuing Education Provider

☐ I am an ISPQ Certified Independent Master Trainer/Independent Instructor (Computer Based Testing *only*)

[1] If Canadian, equivalent governing body
[2] If Canadian, equivalent governing body

PRIMARY CONTACT FOR NABCEP FROM THE ORGANIZATION SUBMITTING THIS APPLICATION:

NAME: _____

TITLE: _____

TELE: _____ E-MAIL: _____

I agree to be the primary contact for NABCEP for the purposes of this registration. All pertinent information regarding program changes and updates should be sent to my attention. I am responsible for the distribution of these communications to the relevant individuals within my organization. Further, I am responsible to inform NABCEP of any changes in personal relevant to this registration.

SIGNATURE _____DATE_____

CONTACT INFORMATION TO BE POSTED ON THE PUBLICLY AVAILABLE LIST OF REGISTERED PROVIDERS ON **WWW.NABCEP.ORG**:

NAME: _____

TITLE: _____

TELE: _____ E-MAIL:_____

NABCEP offers the opportunity to administer the Entry Level Exam in both paper and pencil and computer based formats. Pencil and paper exams may only be administered at the location given in the Provider Application; Providers cannot administer the paper and pencil exam off-site or in multiple locations.

Additionally, Providers offering training in an online format without a bricks and mortar campus, Providers that are accredited as ISPQ Certified Independent Master Trainers or ISPQ Certified Independent Instructors are required to offer the exam via a Pearson VUE testing center.

Your educational organization will be offering the exam

☐ in computer based format at a Pearson VUE testing center

☐ in paper and pencil format at the site listed on this application

☐ in both formats

For Providers offering pencil and paper exams only, please provide contact information for your exam administrator:

TESTING CENTER CONTACT NAME: _____

TITLE: _____

TELE:_____EMAIL: _____

TESTING CENTER MAILING ADDRESS: (If different from main address given above)

_____

_____

_____

Billing: NABCEP invoices all registered Providers for both the annual fee and paper and pencil exams administered. Computer based testing is billed directly to the candidate.

BILLING CONTACT:
NAME: _____

TITLE: _____

TELE: _____ E-MAIL: _____

NABCEP would like to send invoices to your organization electronically. Please indicate if this is possible.

☐ YES, please send invoices electronically to the E-Mail address provided above.
☐ NO, we require paper invoices.

BILLING ADDRESS: (please provide this address for statements and correspondence even if invoices will be sent electronically):

_____

_____

_____

I agree to be the primary billing contact for the purposes of this registration. Invoices and statements should be sent to my attention at the address provided above.

SIGNATURE_____DATE_____

PLEASE PROVIDE INSTRUCTOR(S) CONTACT INFORMATION:

Please attach a CV, resume or summary of experience for each instructor showing either:

1. The completion of an advanced PV training program that is accredited as an ISPQ Accredited Training Program, or an ISPQ Continuing Education provider or that is offered by an ISPQ Certified Master Trainer, or an ISPQ Certified Instructor; **OR**
2. The completion of a train-the-trainer program offered by the National Joint Apprenticeship and Training Committee (NJATC), one of the nine Regional Resource and Training Providers of the Department of Energy's Solar Instructor Training Network. The completion of another train-the-trainer program may meet this requirement but will be reviewed on a case by case basis by NABCEP staff.

All installation experience should also be documented.

INSTRUCTOR NAME: _____

TELE: _____E-MAIL: _____

INSTRUCTOR NAME: _____

TELE: _____E-MAIL: _____

If there are more than 2 instructors, please attach their contact information to CV, resume or summary of experience.

DESCRIPTION OF COURSE, SERIES OF COURSES OR PROGRAM

Please describe the course(s), series of courses or program you will be offering. If the completion of a course sequence or program will be required before the NABCEP PV Entry Level Exam is offered to your students, please provide course descriptions for all courses in the sequence. (attach supplementary documentation if desired.)

COURSE(S), WORKSHOP OR PROGRAM TITLE:

_____

DESCRIPTION:_____

_____

_____

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PLEASE DESCRIBE THE COURSE STRUCTURE: (e.g.: traditional classroom, hands-on component, bootcamp, webinar, distance learning, etc.) Include the number of hours and the time period over which the course(s) will take place.
This course will be offered:

☐ Online ☐ Hands-on Number of hours: _____

_____

_____

WHEN AND/OR HOW OFTEN IS THE COURSE OFFERED?

_____

Does your organization offer or plan to offer instruction in solar thermal or small wind technologies?

IF SO, PLEASE DESCRIBE:_____

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Does your organization offer, or plan to offer, an associates or bachelor's degree program(s) in renewable energy technologies?

IF SO, PLEASE DESCRIBE:_____

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NABCEP ENTRY LEVEL EXAM LEARNING OBJECTIVES

The following NABCEP Entry Level Exam Learning Objectives are the basis for course instruction and examinations. Please have each instructor carefully review these Learning Objectives. A signature is required from each instructor assuring that they have read and understand the Learning Objectives in the scope of the NABCEP Entry Level Exam. Instructors are encouraged to design their courses using these Learning Objectives as a blueprint and are *required* to provide a comprehensive review of the Learning Objectives before examination as well as a copy to each student at the beginning of each course.

1.	**PV Markets and Applications** *Suggested Percentage Time Allotment: 5% or less*	**Learning Priority**
1.1	Identify key contributions to the development of PV technology.	Useful
1.2	Identify common types of PV system applications for both stand-alone and utility interactive systems with and without energy storage.	Important
1.3	Associate key features and benefits of specific types of PV systems, including residential, commercial, BIPV, concentrating PV, and utility-scale.	Useful
1.4	List the advantages and disadvantages of PV systems compared to alternative electricity generation sources.	Useful
1.5	Describe the features and benefits of PV systems that operate independently of the electric utility grid.	Useful
1.6	Describe the features and benefits of PV systems that are interconnected to and operate in parallel with the electric utility grid.	Useful
1.7	Describe the roles of various segments of the PV industry and how they interact with one other.	Useful
1.8	Understand market indicators, value propositions, and opportunities for both grid-tied and stand-alone PV system applications.	Useful
1.9	Discuss the importance of conservation and energy efficiency as they relate to PV system applications.	Useful

Note: Establishing safety competencies and qualified persons are beyond the scope of the NABCEP entry level program. Refer to the OSHA Safety and Health Regulations for Construction: 29 CFR 1926 for further details on requirements for safety training and certification.

2.	**Safety Basics** *Suggested Percentage Time Allotment: 5%*	**Learning Priority**
2.1	Identify the various safety hazards associated with both operating and non-operating PV systems and components.	Critical
2.2	List different types of personal protective equipment (PPE) commonly required for installing and maintaining PV systems.	Critical
2.3	List different methods and indentify safe practices for hoisting and rigging, the use of ladders, stairways and guardrails, the use of head, feet, hearing and face protection, the use of power tools, and the use of the appropriate fall protection, including the requirements for personal fall arrest and safety-monitoring systems according to OSHA standards.	Critical
2.4	Recognize the principal electrical safety hazards associated with PV systems, including electrical shock and arc flash.	Critical

Note: The NABCEP entry level program is not a substitute for recognized electrical systems training, experience, and credentials. The electrical concepts introduced in the learning objectives are very basic, and considerable additional electrical training and experience are required of practicing PV system installers.

3.	**Electrical Basics** *Suggested Percentage Time Allotment: 10%*	**Learning Priority**
3.1	Understand the meaning of basic electrical parameters including electrical charge, current, voltage, power and resistance, and relate these parameters to their hydraulic analogies (volume, flow, pressure, hydraulic power and friction).	Important
3.2	Explain the difference between electrical power (rate of work performed) and energy (total work performed).	Important
3.3	Describe the function and purpose of common electrical system components, including conductors, conduits/raceways and enclosures, overcurrent devices, diodes and rectifiers, switchgear, transformers, terminals and connectors, grounding equipment, resistors, inductors, capacitors, etc.	Useful
3.4	Identify basic electrical test equipment and its purpose, including voltmeters, ammeters, ohmmeters and watt-hour meters.	Useful
3.5	Demonstrate the ability to apply Ohm's Law in analyzing simple electrical circuits, and to calculate voltage, current, resistance or power given any other two parameters.	Important
3.6	Understand the fundamentals of electric utility system operations, including generation, transmission, distribution and typical electrical service supplies to buildings and facilities.	Important

4.	**Solar Energy Fundamentals** *Suggested Percentage Time Allotment: 10%*	**Learning Priority**
4.1	Define basic terminology, including solar radiation, solar irradiance, solar irradiation, solar insolation, solar constant, air mass, ecliptic plane, equatorial plane, pyranometer, solar declination, solstice, equinox, solar time, solar altitude angle, solar azimuth angle, solar window, array tilt angle, array azimuth angle, and solar incidence angle.	Critical
4.2	Diagram the sun's apparent movement across the sky over any given day and over an entire year at any given latitude, and define the solar window.	Important
4.3	For given dates, times and locations, identify the sun's position using sun path diagrams, and determine when direct solar radiation strikes the north, east, south and west walls and horizontal surfaces of a building.	Important
4.4	Differentiate between solar irradiance (power), solar irradiation (energy), and understand the meaning of the terms peak sun, peak sun hours, and insolation.	Critical
4.5	Identify factors that reduce or enhance the amount of solar energy collected by a PV array.	Important
4.6	Demonstrate the use of a standard compass and determine true geographic south from magnetic south at any location given a magnetic declination map.	Important
4.7	Quantify the effects of changing orientation (azimuth and tilt angle) on the amount of solar energy received on an array surface at any given location using solar energy databases and computer software tools.	Important
4.8	Understand the consequences of array shading and best practices for minimizing shading and preserving array output.	Critical
4.9	Demonstrate the use of equipment and software tools to evaluate solar window obstructions and shading at given locations, and quantify the reduction in solar energy received.	Important
4.10	Identify rules of thumb and spacing distances required to avoid inter-row shading from adjacent sawtooth rack mounted arrays at specified locations between 9 am and 3 pm solar time throughout the year.	Important
4.11	Define the concepts of global, direct, diffuse and albedo solar radiation, and the effects on flat-plate and concentrating solar collectors.	Important
4.12	Identity the instruments and procedures for measuring solar power and solar energy.	Important

5.	**PV Module Fundamentals** *Suggested Percentage Time Allotment: 10%*	**Learning Priority**
5.1	Explain how a solar cell converts sunlight into electrical power.	Useful
5.2	Distinguish between PV cells, modules, panels and arrays.	Useful
5.3	Identify the five key electrical output parameters for PV modules using manufacturers' literature (Voc, Isc, Vmp, Imp and Pmp), and label these points on a current-voltage (I-V) curve.	Critical
5.4	Understand the effects of varying incident solar irradiance and cell temperature on PV module electrical output, illustrate the results on an I-V curve, and indicate changes in current, voltage and power.	Critical
5.5	Determine the operating point on a given I-V curve given the electrical load.	Important
5.6	Explain why PV modules make excellent battery chargers based on their I-V characteristics.	Useful
5.7	Understand the effects of connecting similar and dissimilar PV modules in series and in parallel on electrical output, and diagram the resulting I-V curves.	Critical
5.8	Define various performance rating and measurement conditions for PV modules and arrays, including STC, SOC, NOCT, and PTC.	Critical
5.9	Compare the fabrication of solar cells from various manufacturing processes.	Useful
5.10	Describe the components and the construction for a typical flat-plate PV module made from crystalline silicon solar cells, and compare to thin-film modules.	Important
5.11	Given the surface area, incident solar irradiance and electrical power output for a PV cell, module or array, calculate the efficiency and determine the power output per unit area.	Important
5.12	Discuss the significance and consequences of PV modules being limited current sources.	Useful
5.13	Explain the purpose and operation of bypass diodes.	Important
5.14	Identify the standards and design qualification testing that help ensure the safety and reliability of PV modules.	Important

6.	**System Components** *Suggested Percentage Time Allotment: 15%*	**Learning Priority**
6.1	Describe the purpose and principles of operation for major PV system components, including PV modules and arrays, inverters and chargers, charge controllers, energy storage and other sources.	Critical
6.2	List the types of PV system balance of system components, and describe their functions and specifications, including conductors, conduit and raceway systems, overcurrent protection, switchgear, junction and combiner boxes, terminations and connectors.	Important
6.3	Identify the primary types, functions, features, specifications, settings and performance indicators associated with PV system power processing equipment, including inverters, chargers, charge controllers, and maximum power point trackers.	Important
6.4	Understand the basic types of PV systems, their major subsystems and components, and the electrical and mechanical BOS components required.	Important

7.	**PV System Sizing Principles** *Suggested Percentage Time Allotment: 10%*	**Learning Priority**
7.1	Understand the basic principles, rationale and strategies for sizing stand-alone PV systems versus utility-interactive PV systems.	Important
7.2	Given the power usage and time of use for various electrical loads, determine the peak power demand and energy consumption over a given period of time.	Important
7.3	Beginning with PV module DC nameplate output, list the de-rating factors and other system losses, and their typical values, and calculate the resulting effect on AC power and energy production, using simplified calculations, and online software tools including PVWATTS.	Critical
7.4	For a specified PV module and inverter in a simple utility-interactive system, determine the maximum and minimum number of modules that may be used in source circuits and the total number of source circuits that may be used with a specified inverter, depending upon the expected range of operating temperatures, the inverter voltage windows for array maximum power point tracking and operation, using both simple calculations and inverter manufacturers' online string sizing software tools.	Critical
7.5	Given a stand-alone application with a defined electrical load and available solar energy resource, along with PV module specifications, size and configure the PV array, battery subsystem, and other equipment as required, to meet the electrical load during the critical design period.	Critical

Note: Qualified electrical contractors and engineering approvals are required for many PV installations. The NABCEP entry level program is not intended as a substitute for recognized training, competencies and qualifications of electrical contractors or design professionals. The PV system electrical design and installation concepts covered in the learning objectives are intended to provide a very basic overview of the considerations involved, and are not intended to imply an in-depth understanding of the electrical codes and their application.

8.	**PV System Electrical Design** *Suggested Percentage Time Allotment: 15%*	**Learning Priority**
8.1	Draw and prepare simple one-line electrical diagrams for interactive and stand-alone PV systems showing all major components and subsystems, and indicate the locations of the PV source and output circuits, inverter input and output circuits, charge controller and battery circuits, as applicable, and mark the directions of power flows through the system under various load conditions.	Critical
8.2	Understand how PV modules are configured in series and parallel to build voltage, current and power output for interfacing with inverters, charge controllers, batteries and other equipment.	Critical
8.3	Identify basic properties of electrical conductors including materials, size, voltage ratings and insulation coverings and understand how conditions of use, such as location, other conductors in the same conduit/raceway, terminations, temperature and other factors affect their ampacity, resistance and corresponding overcurrent protection requirements.	Critical
8.4	Understand the importance of nameplate specifications on PV modules, inverters and other equipment on determining allowable system voltage limits, and for the selection and sizing of conductors, overcurrent protection devices, disconnect means, wiring methods and in establishing appropriate and safe interfaces with other equipment and electrical systems.	Critical
8.5	Determine the requirements for charge control in battery-based PV systems, based on system voltages, current and charge rates.	Important
8.6	Identify the labeling requirements for electrical equipment in PV systems, including on PV modules, inverters, disconnects, at points of interconnection to other electrical systems, on battery banks, etc.	Important
8.7	Understand the basic principles of PV system grounding, the differences between grounded conductors, grounding conductors, grounding electrode conductors, the purposes of equipment grounding, PV array ground-fault protection, and the importance of single-point grounding.	Critical
8.8	Apply Ohm's Law and conductor properties to calculate voltage drop for simple PV source circuits.	Important
8.9	Identify the requirements for plan review, permitting, inspections, construction contracts and other matters associated with approvals and code-compliance for PV systems.	Critical
8.10	Demonstrate knowledge of key articles of the National Electrical Code, including Article 690, Solar Photovoltaic Systems.	Important

Note: Roofing systems and structural engineering expertise are required for many PV installations. The NABCEP entry level program is not intended as a substitute for recognized training, competencies and qualifications of roofing contractors or professional engineers. The PV system mechanical design and installation concepts covered in the learning objectives are intended to provide a very basic overview of the considerations involved.

9.	**PV System Mechanical Design** *Suggested Percentage Time Allotment: 10% or more*	**Learning Priority**
9.1	Identify the common ways PV arrays are mechanically secured and installed on the ground, to building rooftops or other structures, including rack mounts, ballasted systems, pole mounts, integral, direct and stand-off roof mounts, sun tracking mounts and for other building-integrated applications.	Important
9.2	Compare and contrast the features and benefits of different PV array mounting systems and practices, including their design and materials, standardization and appearance, applications and installation requirements, thermal and energy performance, safety and reliability, accessibility and maintenance, costs and other factors.	Important
9.3	Understand the effects on PV cell operating temperature of environmental conditions, including incident solar radiation levels, ambient temperature, wind speed and direction for various PV array mounting methods.	Important
9.4	List various building-integrated PV (BIPV) applications and compare and contrast their features and benefits with conventional PV array designs.	Useful
9.5	Identify desirable material properties for weathersealing materials, hardware and fasteners, electrical enclosures, wiring systems and other equipment, such as UV, sunlight and corrosion resistance, wet/outdoor approvals and other service ratings appropriate for the intended application, environment and conditions of use, and having longevity consistent with the operating life expectancies of PV systems.	Important
9.6	Understand the requirements for roofing systems expertise, and identify the preferred structural attachments and weathersealing methods for PV arrays affixed to different types of roof compositions and coverings.	Critical

9.7	Identify the types and magnitudes of mechanical loads experienced by PV modules, arrays and their support structures, including dead loads, live loads, wind loads, snow loads, seismic loads, in established combinations according to ASCE 7-05 Minimum Design Loads for Buildings and Other Structures.	Important
9.8	Identify PV system mechanical design attributes that affect the installation and maintenance of PV arrays, including hardware standardization, safety and accessibility, and other factors.	Important
9.9	Identify mechanical design features that affect the electrical and thermal performance of PV arrays, including array orientation, mounting methods and other factors.	Important
9.10	Review and recognize the importance of PV equipment manufacturers' instructions with regard to mounting and installation procedures, the skills and competencies required of installers, and the implications on product safety, performance, code-compliance and warranties.	Critical

10.	**Performance Analysis, Maintenance and Troubleshooting** *Suggested Percentage Time Allotment: 10%*	**Learning Priority**
10.1	Discuss various potential problems related to PV system design, components, installation, operation or maintenance that may affect the performance and reliability of PV systems.	Useful
10.2	Identify and describe the use and meaning of typical performance parameters monitored in PV systems, including DC and AC voltages, currents and power levels, solar energy collected, the electrical energy produced or consumed, operating temperatures and other data.	Important
10.3	Compare PV system output with expectations based on system sizing, component specifications and actual operating conditions, and understand why actual output may be different than expected.	Important
10.4	Describe typical maintenance requirements for PV arrays and other system components, including inverters and batteries, etc.	Important
10.5	Understand the safety requirements for operating and maintaining different types of PV systems and related equipment.	Critical
10.6	Identify the most common types of reliability failures in PV systems and their causes due to the equipment, quality of installation and other factors.	Important
10.7	Review component manufacturers' instructions for operation, maintenance and troubleshooting for PV modules and power processing equipment, and develop a simple maintenance plan for a given PV system detailing major tasks and suggested intervals.	Important
10.8	Understand basic troubleshooting principles and progression, including recognizing a problem, observing the symptoms, diagnosing the cause and taking corrective actions leading from the system, subsystem to the component level.	Important

TIME ALLOTMENT AND TEST SPECIFICATION

The following provides a blueprint for courses taught to the NABCEP Entry Level Program, including the primary Learning Objectives and suggested percentage time allotment. NABCEP recognizes the diversity of training programs offered and their participants, including short courses, continuing education programs, and more in depth and lengthy programs of study, including formal apprenticeship, multi-course certificate programs, and degree-track programs. The NABCEP PV Entry Level Program is not intended as an installer in-training credential, but rather as an important first step in preparing individuals to become highly skilled, qualified and experienced tradespersons and professionals in the PV industry.

Category	Course(s) Time By %	Exam Items	Level of Testing
1. PV Markets & Applications	5%	3	Comprehension
2. Safety Basics	5%	3	Comprehension Application
3. Electricity Basics	10%	6	Comprehension Problem Solving
4. Solar Energy Fundamentals	10%	6	Comprehension Application Problem Solving
5. PV Module Fundamentals	10%	6	Comprehension Application Problem Solving
6. System Components	15%	9	Comprehension Application Problem Solving
7. PV System Sizing Principles	10%	6	Application Problem Solving Design
8. PV System Electrical Design	15%	9	Application Problem Solving Design
9. PV System Mechanical Design	10%	6	Application Problem Solving Design
10. Performance Analysis, Maintenance and Troubleshooting	10%	6	Analysis Problem Solving
Totals	**100%**	**60**	

I have read and understood the NABCEP PV Entry Level Learning Objectives. I understand the purpose of these Learning Objectives and agree that the course, series of courses or program which I teach provides a comprehensive review of these Learning Objectives to prepare my students for the NABCEP PV Entry Level Exam. Further, I agree to provide my students with a copy of the NABCEP-issued PV Entry Level Learning Objectives at the beginning of the training.

INSTRUCTOR SIGNATURE _____

PLEASE PRINT NAME_____DATE_____

INSTRUCTOR SIGNATURE _____

PLEASE PRINT NAME_____DATE_____

PLEASE ATTACH A COPY OF THE APPROPRIATE CERTIFICATE OF INSURANCE (S)

This will usually take the form of a copy of your Commercial/General Liability coverage. In the case of some State institutions belonging to a self-insurance fund, a statement to that effect from a duly-recognized representative on official letterhead may be substituted.

If insurance documentation will be sent separately, please be advised your application will be held for processing until it is complete.

Check here if insurance documentation is included in packet: ☐

Check here if insurance documentation is being sent separately: ☐

(NABCEP is not responsible for the misplacement of documents sent separately from this application. Please make sure documents sent separately are well-labeled.)

TERMS OF AGREEMENT

As an authorized representative of the organization identified below I represent and agree to the following terms and conditions related to participation in the NABCEP PV Entry Level Provider Program:

All of the information provided in this application is true and correct to the best of my knowledge. I have read and understood the PV Entry Level Provider Info Packet and agree to abide by all policies and requirements therein, and all other applicable NABCEP policies. I understand that registration of the organization to participate in this PV Entry Level Exam Program cannot be transferred to another party. The organization will conduct all activities related to the NABCEP PV Entry Level Exam Program consistent with applicable laws, including the Americans with Disabilities Act and Title VII of the Civil Rights Act.[3] The organization will maintain the security of the examination and confidentiality of the test items. I am aware that NABCEP has the exclusive rights to make changes to the Provider participation criteria, including the policies contained in the Application; and, revoke Provider status at any time if the Provider is non-compliant with any of the policies established by NABCEP.

I understand that registration as a Provider of the NABCEP PV Entry Level Exam does not constitute any endorsement, approval or sponsorship of the Provider or programs by NABCEP, and does not indicate any other affiliation with NABCEP. Further, NABCEP does not provide, offer, administer or approve courses or training, and no third party, including registered NABCEP PV Entry Level Providers, may in any way represent themselves or their programs as approved, endorsed or supported by NABCEP. I understand and agree that logos, trademarks or registered names of NABCEP may not be used in any way without prior permission from NABCEP. I agree that as a registered NABCEP PV Entry Level Provider the organization is responsible for ensuring that the use of the NABCEP name, logos and other references are accurate, truthful, complete and in compliance with all NABCEP policies. I understand and agree to act consistent with the marketing and advertisement criteria contained in the NABCEP PV Entry Level Info Packet.

I understand that the NABCEP Entry Level Exam is intended to test basic knowledge and that the Entry Level Program is not equivalent to NABCEP Certifications. I understand that passing the Exam does not represent any permission or license to work in any field or position. I further understand that receiving a passing score on the NABCEP Entry Level Exam does not provide any guarantee of employment and as a registered NABCEP Entry Level Provider the organization is prohibited from making any such claims concerning this NABCEP program.

SIGNATURE _____ TITLE_____

PLEASE PRINT NAME_____DATE_____

ORGANIZATION_____

[3] If Canadian, I agree to abide by all applicable laws governing persons with disabilities and all applicable laws governing Civil Liberties

NABCEP PV Entry Level Exam Provider Application Checklist

Only complete applications will be reviewed. Please ensure that the following items are included with this application in order to prevent processing delays:

- ☐ Application Form
- ☐ Resume, CV or Summary of Experience for Each Instructor
- ☐ Certificate of Insurance
- ☐ $300 Annual Fee
- ☐ Signed Terms of Agreement

Completed applications should be sent to:

North American Board of Certified Energy Practitioners
56 Clifton Country Road, Suite 202
Clifton Park, NY, 12065

Phone: (518) 289-9685
E-mail: llasher@nabcep.org