



# Healthy Home Evaluator (HHE)

CERTIFICATION SCHEME HANDBOOK



## **Notice**

Anyone interested in becoming BPI certified as a Healthy Home Evaluator, will need to know the scope of the certification and all requirements.

This certification scheme handbook outlines the knowledge, skills and abilities needed for individuals to be certified as a Healthy Home Evaluator.

Information in this scheme handbook represents the policies at the date of publication for the BPI Healthy Home Evaluator certification. Information in this scheme handbook supersedes information contained in any previous published documents.

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## **Acknowledgements**

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## **Disclaimer**

Eligibility standards, exam content, exam standards, fees, and guidelines are subject to change. BPI will keep the most up-to-date version of this document posted at [www.bpi.org](http://www.bpi.org). Prior to participating in any available service through BPI, check to ensure that you have based your decision to proceed on the most up-to-date information available. BPI reserves the right to modify documents prior to accepting any application.

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## 1. About BPI

Founded in 1993, the Building Performance Institute (BPI) is the nation's premier certification and standard-setting organization for home performance professionals. BPI is accredited by the American National Standards Institute, Inc. (ANSI) as a developer of American National Standards and as a certifying body for personnel credentials. BPI develops the technical standards for home energy audits and for energy efficiency, health, and safety improvements. From these standards, BPI develops rigorous online and field exams resulting in one of BPI's 14 professional certifications. BPI understands the importance of impartiality in carrying out its certification activities, manages conflict of interest, and ensures the objectivity of its certification activities.

BPI also offers three programs ([BPI GoldStar Contractor](#) for companies, [Rating Program](#) for raters, and [BPI Product Listing](#) for manufacturers) and three certificates ([Building Science Principles](#), [Healthy Housing Principles](#), [Site Supervisor](#)). BPI Certified Professionals hold over 12,000 active certifications supported by over 100 BPI Test Centers and 250 Proctors nationwide. BPI has BPI Goldstar Contractors across the country.

BPI is a 501(c)3 corporation registered in the state of New York. The corporation was incorporated on January 18, 1996 and the corporation number is 14-1789014. The objective of the corporation is to provide credentialing for individuals and corporations involved in the residential retrofit industry. BPI is headquartered in Saratoga Springs, NY.

## 2. BPI Certification Schemes

BPI offers individual certification in a number of areas in the residential retrofit industry.

The certification schemes are developed and then reviewed on an on-going basis by scheme committees made up of subject matter experts – individuals with the credentials and experience within the industry. The scheme committee review statistics, industry changes and current certification scheme requirements on a regular basis.

Industry input on each certification scheme is encouraged. The scheme committee members will seek input from external sources including, but not limited to:

- industry associations
- professional groups
- government agencies
- consumer/owner advocacy groups

The certification outlined in this scheme handbook is for Healthy Home Evaluators who are involved in the retrofit of existing residential buildings. For a full listing of certifications, see the [www.bpi.org](http://www.bpi.org) website.

For individuals to become BPI HHE certified, successful completion of a multiple-choice exam to confirm the candidate's knowledge and skills is required.

To be certified by BPI, the candidate is not required by BPI to undergo any specific training, whether that would be on-site job training or classroom training, however, prerequisite criteria must be met. BPI does not approve any training programs. It is up to the individual to decide what training they want to take and where to take it, as it is solely their decision.

The requirements for this certification will be reviewed every five years and modified as required by the scheme committee with input from the residential retrofit industry. Modifications to the certification scheme will be made by BPI on the basis of the non-compliance cases, feedback from industry and technical changes to materials, components, systems, building codes or other relevant items.

### **3. Outline of the Healthy Home Evaluator Certification**

This certification scheme handbook outlines the knowledge, skills and abilities requirements for the Healthy Home Evaluator certification.

The Healthy Home Evaluator credential builds upon the knowledge of the certified BPI Building Analyst Professional, BPI Energy Auditor, BPI Quality Control Inspector, or BPI Multifamily Building Analyst by establishing the competencies required to conduct an in-depth healthy home environmental risk assessment. The Healthy Home Evaluator assesses and characterizes home-based environmental health and safety hazards by integrating qualitative observations with quantitative diagnostics to determine and prioritize recommendations that address existing and potential hazards. The Healthy Home Evaluator communicates the identified risks and hazards to the occupant with the goal of improving health and quality of life.

This document is intended to include all of the tasks a Healthy Home Evaluator may perform, as well as the knowledge, skills, and abilities required to do these tasks.

Please note that certification is not a license to practice. All Certified Professionals must comply with applicable federal, state and local laws and regulations governing the profession.

### **4. Preparing for the HHE Exam**

There are prerequisites to take the exam, that if successful, will lead to certification. Before you register for the exam:

- Download the latest version of the BPI Healthy Home Evaluator scheme handbook from [www.bpi.org](http://www.bpi.org)
- Read and understand all information
- Refer to the Functions and Tasks to be sure that you understand and can perform the tasks required for this certification
- Obtain reference materials for the multiple-choice exam and study well in advance of taking the exam

## 4.1 Prerequisites

The Certified Professional must hold a current BPI Building Analyst Professional, BPI Energy Auditor, BPI Quality Control Inspector, OR BPI Multifamily Building Analyst Certification prior to taking the HHE exam. The prerequisite certification must remain current in order for the Healthy Home Evaluator certification to remain current.

## 4.2 Special Testing Accommodations

Candidates in need of special testing accommodations, such as a language barrier, or arrangements for persons with disabilities, should submit the appropriate forms as noted in Appendix (C and D).

Candidates under the age of 18 will need to submit the *BPI Parental or Guardian Consent and Waiver of Liability Form for Candidates Under the Age of 18* as noted in Appendix F. Candidates will not be allowed to proceed with taking any BPI exams unless this form is signed and completed.

*It is highly recommended that you submit your request for accommodation at least thirty (30) days prior to your preferred exam date.*

## 4.3 Proof of Identity

Candidates must provide valid photo identification prior to taking the exam. Please make sure that when registering for the exam, the name used is the same that is listed on the valid photo ID.

Examples of acceptable forms of photo ID are:

- driver's license
- state issued photo ID
- passport
- military identification
- employee identification card

## 4.4 Certification Fees and Scheduling

BPI certification exams are provided through BPI Test Centers. Please reach out to a local BPI Test Center for fees and scheduling details of exams, as they will vary from Test Center to Test Center. To locate a BPI Test Center, please go to the BPI website ([www.bpi.org](http://www.bpi.org)) and select **Locator** from the top of the page.

BPI does not set schedules for its Test Centers, nor does BPI collect the exam fees.

## 5. Multiple-choice Exams

For the Healthy Home Evaluator certification, a multiple-choice test instrument will be administered in order to ensure competency in the critical tasks defined by BPI.

The multiple-choice exam is comprised of fifty (50) questions that cover knowledge and skills and will be timed at one (1) hour and thirty (30) minutes (1 ½ hrs). The multiple-choice exam consists of multiple versions, each determined to have its own minimum passing score through psychometric analysis and the Modified Angoff standard-setting procedure. The results page during the online exam session will indicate whether a candidate was successful or not based on the version they were administered.

Candidates may challenge the HHE online exam up to six (6) times in a one-year period. The one-year period begins after the first unsuccessful attempt of the exam, after which time a candidate will have five (5) more attempts to successfully challenge the exam. There is a cost for each exam. BPI permits twelve (12) months to complete the certification process from the time a candidate takes the first exam.

This exam is a closed-book exam.

Future discussion or disclosure of the content of the exam, orally or in writing, or by any other means, is prohibited. Theft or attempted theft of exam items is punishable to the fullest extent of the law. Candidates will be observed at all times by a BPI approved Proctor while taking the exam. This includes direct observation by the BPI approved Proctor as well as audio and video recording of the exam. Any participation in irregular behavior during the exam may result in the invalidation of the results of the exam, termination of status, civil liability, criminal prosecution, or other appropriate sanctions.

## 6. Functions and Tasks

The Healthy Home Evaluator assesses and characterizes home-based environmental health and safety hazards by integrating qualitative observations with quantitative diagnostics to determine and prioritize recommendations that address existing and potential hazards. The Healthy Home Evaluator communicates the identified risks and hazards to the occupant with the goal of improving health and quality of life.

|            |   |   |  |
|------------|---|---|--|
| <b>I.</b>  |   |   | <b>Principles of a Healthy Home (i.e., Keep it Healthy)</b>  |
| <b>A</b>   |   |   | <b>Understanding of the key components to keeping a home healthy by maintaining an environment and structure that is:</b>              |
|            | 1 |   | Dry  |
|            | 2 |   | Clean  |
|            | 3 |   | Pest-free  |
|            | 4 |   | Safe   |
|            | 5 |   | Contaminant-free   |
|            | 6 |   | Ventilated   |
|            | 7 |   | Maintained   |
|            | 8 |   | Energy-efficient   |
| <b>II.</b> |   |   | <b>Data Collection</b>   |
| <b>A</b>   |   |   | <b>Environmental history taking (considering both persons and home; i.e., behavioral, health, literacy, language, and readability)</b> |
| <b>B</b>   |   |   | <b>Qualitative and quantitative assessment</b>   |
|            | 1 |   | Qualitative assessment (i.e., visual, sensory, semi-quantitative)  |
|            |   | a | Knowledge of building and surroundings (including structure)   |
|            |   | b | Knowledge of mechanical equipment/systems  |
|            |   | c | Knowledge of condition and locations of appliances   |

|          |   |      |  |
|----------|---|------|--|
|          |   | d    | Knowledge of general room assessment, such as:   |
|          |   | i    | Air-flow and circulation   |
|          |   | ii   | Allergens and dust   |
|          |   | iii  | Moisture control   |
|          |   | iv   | Chemical exposure  |
|          |   | v    | Safety and injury prevention   |
|          |   | vi   | Safety data sheet  |
|          | 2 |      | Quantitative assessment  |
|          |   | a    | Measurement  |
|          |   | i    | Air-flow/Envelope  |
|          |   | ia   | Knowledge of the application of limited pressure mapping/series leakage                          |
|          |   | ib   | Exposure pathway assessment  |
|          |   | ic   | Knowledge of duct leakage diagnostics  |
|          |   | id   | Knowledge of limited HVAC system flow  |
|          |   | ii   | Moisture control   |
|          |   | iia  | Knowledge of indoor RH   |
|          |   | iib  | Knowledge of moisture mapping  |
|          |   | iic  | Knowledge of conditions for microbial colonization/moisture level                                |
|          |   | b    | Basic concepts and principles related to environmental sampling (i.e., VOC, formaldehyde, radon) |
|          |   | i    | Knowledge of basic sampling techniques, such as:   |
|          |   | ia   | Chemical   |
|          |   | ib   | Biological   |
|          |   | ic   | Particle   |
|          |   | ii   | Specific contaminants (i.e., radon)  |
|          |   | iii  | Knowledge of regulatory overview   |
| <b>C</b> |   |      | <b>Knowledge of At-Risk Populations (i.e., children, seniors, mobility, mental health)</b>       |
| <b>D</b> |   |      | <b>Knowledge of specific contaminants and environmental situations</b>                           |
|          | 1 | a    | Lead-based Paint<br>General Knowledge Areas  |
|          |   | i    | age of house   |
|          |   | ii   | condition of the lead paint  |
|          |   | iii  | children in the house  |
|          |   | iv   | general understanding of the health implication  |
|          |   | v    | health questionnaire   |
|          |   | vi   | understand own state rules and regulations   |
|          |   | vii  | concentrate on children 5 and under  |
|          |   | viii | knowing when to do a certified lead assessment   |
|          |   | ix   | EPA – Renovate Right Form  |
|          | 2 |      | Dampness and Mold Growth   |
|          |   | a    | General Knowledge Areas  |
|          |   | i    | sources of dampness- bulk, occupant, etc.  |
|          |   | ii   | visual inspection  |
|          |   | iii  | psychrometrics   |
|          |   | iv   | vulnerable populations   |
|          |   | v    | sources  |
|          |   | vi   | pathways (internal/external)   |
|          |   | vii  | strength risk  |
|          |   | viii | interview of occupants with asthma   |
|          |   | ix   | can detect odors of dampness   |



|   |   |      |   |
|---|---|------|---|
|   |   | x    | relative humidity measurements  |
|   |   | xi   | surface moisture meter  |
|   |   | xii  | fan flow on exhaust   |
|   |   | xiii | confirm ducting terminates to outside   |
|   |   | xiv  | dryer venting or terminates to outside  |
| 3 |   |      | Asbestos and MMF Fibers   |
|   | a |      | General Knowledge Areas   |
|   |   | i    | understand the difference between friable and non-friable   |
|   |   | ii   | what are the common HVAC building materials where we find asbestos                                      |
|   |   | iii  | health aspects of asbestos  |
|   |   | iv   | remodeling concerns   |
|   |   | v    | visual awareness of what asbestos components are in the home when doing the inspection                  |
|   |   | vi   | good resource information available – EPA   |
|   |   | vii  | remind inspectors to not call items asbestos until it is tested/confirmed                               |
|   |   | viii | asbestos containing material that is prescribed   |
| 4 |   |      | Carbon Monoxide   |
|   | a |      | General Knowledge Areas   |
|   |   | i    | low level exposure health effects, low levels can exist in the home without the alarm going off (75ppm) |
|   |   | ii   | they do make detectors that will detect low levels  |
|   |   | iii  | knowledge of CO standards action levels   |
|   |   | iv   | sources of CO   |
|   |   | v    | placement of detectors  |
| 5 |   |      | Fire Hazards  |
|   | a |      | General Knowledge Areas   |
|   |   | i    | improper storage of soiled materials  |
|   |   | ii   | improper venting materials  |
|   |   | iii  | unprotected wires   |
|   |   | iv   | dryer line buildup  |
|   |   | v    | improper storage of combustibles  |
|   |   | vi   | fire escape plan (review with the family or provide)  |
|   |   | vii  | smoking in bed/candles  |
|   |   | viii | hot plates  |
|   |   | ix   | kerosene heater   |
|   |   | x    | overloaded circuits   |
|   |   | xi   | improper chimney cleaning/creosol   |
|   |   | xii  | smoke detectors – existing/operational/location   |
|   |   | xiii | ungrounded electrical outlets   |
|   |   | xiv  | knob and tube   |
| 6 |   |      | Explosion   |
|   | a |      | General Knowledge Areas   |
|   |   | i    | evaluator look for compressed gas cylinders   |
|   |   | ii   | oxygen tanks  |
|   |   | iii  | limited access to fuels/chemicals   |
| 7 |   |      | Structural Issues   |
|   | a |      | General Knowledge Areas   |
|   |   | i    | unsafe stairs   |
|   |   | ii   | stair well  |
|   |   | iii  | additions to homes/poorly constructed   |
|   |   | iv   | decks   |

|    |   |      |   |
|----|---|------|---|
|    |   | v    | porches   |
|    |   | vi   | assessment of foundation condition/chimney  |
|    |   | vii  | knowledge of when to call in a professional assessment  |
|    |   | viii | improper or poor renovation work (general awareness)  |
|    |   | ix   | interview process   |
|    |   | x    | knowledge of code issues  |
|    |   | xi   | assess exterior components for obvious damage including roofs, flashing, siding and guttering, ceiling, flooring and walls – structural sound |
| 8  |   |      | Trips and Falls   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | evaluated the condition of the stairs and hand rails – present and stable   |
|    |   | ii   | proper lighting   |
|    |   | iii  | consistent rise/run   |
|    |   | iv   | broken treads   |
|    |   | v    | disconnected runners  |
|    |   | vi   | knowledge of specific codes   |
|    |   | vii  | information on ways to ensure windows are safe from falls given current occupancy – determined during interview                               |
|    |   | viii | drowning potential  |
|    |   | ix   | grab bars present   |
|    |   | x    | lighting needs  |
|    |   | xi   | foot grips present  |
| 9  |   |      | Electrical Hazards  |
|    | a |      | General Knowledge Areas   |
|    |   | i    | extension cord wiring   |
|    |   | ii   | open splices  |
|    |   | iii  | spliced wiring outside junction boxes   |
|    |   | iv   | knob and tube wiring  |
|    |   | v    | visual ID   |
|    |   | vi   | overhead wiring and line height   |
|    |   | vii  | entrance cable clearance  |
|    |   | viii | GFCI were appropriate – trip GFCI with tester   |
|    |   | ix   | knowledge of when full electrical inspection is necessary   |
| 10 |   |      | Excess Cold   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | house able to keep acceptable heating and cooling   |
|    |   | ii   | health aspects of areas too hot or cold   |
| 11 |   |      | Hot Surfaces, etc.  |
|    | a |      | General Knowledge areas   |
|    |   | i    | setting DHW temp to proper temp to avoid burns  |
|    |   | ii   | hot plates, stove top, wood stoves, steam radiators, pellet stoves, etc. within reach of a child  |
|    |   | iii  | measurement of DHW temp at tap  |
|    |   | iv   | bath tub temp   |
| 12 |   |      | Domestic Hygiene, Pests, etc.   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | components of IPM (3 components)  |
|    |   | ii   | eliminate gaps  |
|    |   | iii  | cracks  |
|    |   | iv   | openings  |
|    |   | v    | eliminate harborage sites   |

|    |   |      |   |
|----|---|------|---|
|    |   | vi   | eliminate food/water sources  |
|    |   | vii  | use of traps and gels and monitoring stations   |
|    |   | viii | least toxic control methods   |
|    |   | ix   | HEPA rated vacuum – use of and industry knowledge   |
|    |   | x    | green cleaning choices  |
|    |   | xi   | signs of pests and knowledge of health aspects  |
|    |   | xii  | indoor dust   |
|    |   | xiii | issues with plumbing and pipes – usage  |
| 13 |   |      | Radiation (Radon)   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | education of radon health risks and entry methods, provide informational pieces, awareness and education piece on awareness and testing options                                     |
|    |   | ii   | WX work may limit radon entry – or make worse   |
|    |   | iii  | other sources of radon – natural stone countertops  |
|    |   | iv   | emphasis on health affects #2 lung cancer – combined with smoking   |
| 14 |   |      | VOC   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | focus on education of VOC hazards and prevention – can be extremely expensive to test for   |
|    |   | ii   | materials brought in by homeowner, materials for work being performed, encapsulation techniques, health effects are very individualized   |
| 15 |   |      | Biocides  |
|    | a |      | General Knowledge Areas   |
|    |   | i    | education and awareness on poisons and pesticides on indoor environment   |
|    |   | ii   | exist/store/used in homes   |
|    |   | iii  | less toxic solutions – fertilizers, cleaning products, health effects are very individualized   |
|    |   | iv   | potential to become entrapped in carpets, etc.  |
|    |   | v    | vulnerable populations – children and developmental issues  |
|    |   | vi   | asthma triggers   |
|    |   | vii  | issues with plumbing and pipes – usage  |
| 16 |   |      | Lightning   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | benefits of natural lighting  |
|    |   | ii   | security benefits for property  |
|    |   | iii  | safety aspects for sufficient task lighting, knowledge of key areas – trip and fall areas, kitchen lighting, existing lighting functionality, hazards of toxins and disposal safety |
| 17 |   |      | Food Safety   |
|    | a |      | General Knowledge Areas   |
|    |   | i    | ensure appliances are working properly  |
|    |   | ii   | fridge and freezer temps – must measure   |
|    |   | iii  | proper food disposal and kitchen hygiene  |
|    |   | iv   | clean prep surfaces   |
| 18 |   |      | Crowding and Space  |
|    | a |      | General Knowledge Areas   |
|    |   | i    | signs of overpopulation   |
|    |   | ii   | health effects of crowed spaces/trip and fall/increased risk for sickness   |
|    |   | iii  | clutter prevents proper cleaning  |
|    |   | iv   | occupying rooms not intended for use  |
| 19 |   |      | Entry by Intruders  |

|             |    |     |  |
|-------------|----|-----|--|
|             |    | a   | General Knowledge Areas  |
|             |    | i   | doors and windows lock properly  |
|             |    | ii  | secure jambs and sashes  |
|             |    | iii | potential for basement entry – failing doors/windows   |
|             |    | iv  | exterior lighting levels   |
|             | 20 |     | Noise  |
|             |    | a   | General Knowledge Areas  |
|             |    | i   | stress levels created by elevated noise levels and associated health affects   |
| <b>III.</b> |    |     | <b>Analysis and Interpretation</b>   |
| <b>A</b>    |    |     | <b>Knowledge of using analysis tools and resources</b>   |
| <b>B</b>    |    |     | <b>Knowledge of interpreting quantitative and qualitative assessment findings related to evidence-based practice (i.e., radon, moisture level)</b>       |
| <b>C</b>    |    |     | <b>Knowledge of evaluating quantitative and qualitative assessment results that do not have evidence-based practice</b>                                  |
| <b>IV.</b>  |    |     | <b>Recommendations and/or Scope of Work</b>  |
| <b>A</b>    |    |     | <b>Knowledge of identifying recommendations/interventions based on analysis of assessment findings</b>   |
| <b>B</b>    |    |     | <b>Knowledge of assisting clients in prioritizing recommended measures based on specific findings</b>  |
| <b>C</b>    |    |     | <b>Knowledge of developing scopes of work</b>  |
| <b>D</b>    |    |     | <b>Knowledge of making referrals</b>   |
| <b>V.</b>   |    |     | <b>Communication and Client Education</b>  |
| <b>A</b>    |    |     | <b>Knowledge of written client communication</b>   |
| <b>B</b>    |    |     | <b>Knowledge of non-specific language, sensitivity to client needs (i.e., healthy home literacy, housing maintenance literacy, psychosocial factors)</b> |
| <b>C</b>    |    |     | <b>Knowledge of external communication (i.e., communicating with partners, referrals, subcontractors)</b>  |
| <b>D</b>    |    |     | <b>Knowledge of justification and persuasion</b>   |
| <b>E</b>    |    |     | <b>Knowledge of communicating with at-risk populations</b>   |
| <b>VI.</b>  |    |     | <b>Personal Safety, Insurance, and Liability</b>   |
| <b>A</b>    |    |     | <b>Knowledge of personal protective equipment (PPE)</b>  |
| <b>B</b>    |    |     | <b>Knowledge of occupant protection</b>  |
| <b>C</b>    |    |     | <b>Knowledge of health advice vs. healthy home advice</b>  |
| <b>D</b>    |    |     | <b>Knowledge of scope of services</b>  |
| <b>E</b>    |    |     | <b>Knowledge of liability principles</b>   |
| <b>F</b>    |    |     | <b>Knowledge of regulations that related to healthy home assessment</b>  |
| <b>G</b>    |    |     | <b>Knowledge of in-home physical and environmental hazards</b>   |

## 7. Healthy Home Evaluator Exam Blueprint (multiple-choice)

| Domains   | Percentages |
|---|-------------|
| I. Principles of a Healthy Home (e.g., Keep it Healthy) | 8% - 10%    |
| II. Data Collection                                     | 38% - 42%   |
| III. Analysis and Interpretation                        | 18% - 20%   |
| IV. Recommendations and/or Scope of Work                | 18% - 20%   |

|   |          |
|---|----------|
| V. Communication and Client Education         | 5% - 10% |
| VI. Personal Safety, Insurance, and Liability | 8% - 10% |

## 8. Standards of Reference

All BPI exams are based on a mixture of industry practices, axiomatic<sup>1</sup> concepts, and major standards of references. No singular source exists that could touch upon every aspect for what is considered testable. Conversely, there is no limit to the potential useful material found in print and online.

Please refer to the standards list found online at [www.bpi.org/healthy-home-evaluator-references](http://www.bpi.org/healthy-home-evaluator-references).

## 9. Exam Security

Exams are highly confidential materials. Any attempts to willfully compromise the integrity of the exam, the exam process, or the certification process shall be taken seriously; offenders may be prosecuted to the fullest extent of the law. In addition, any certification credential may be revoked immediately if a breach is proven to have been made by a certified individual.

## 10. Granting

In order to receive HHE certification, the candidate must meet all prerequisite requirements, as well as successfully complete the multiple-choice (online) exam.

### 10.1 Notification of Exam Results and Certification

Once exam results have been processed the candidate will be able to log in to their [Candidate Account](#) to view exam results.

The BPI Certified Professional will be notified once BPI certification has been awarded via email. BPI Certified Professionals may log into their [Candidate Account](#) and retrieve a digital copy of their active certification(s) and ID Badge to use on their mobile device or print from a PDF. BPI will mail the Certified Professional a certification packet containing a printed certificate and a photo identification card. Certified Professionals should allow up to four to six (4-6) weeks after certification for their packet to arrive by mail.

The certificate will expire three (3) years from the date of initial certification.

The photo identification certification card contains, but is not limited to:

- name of the Certified Professional
- BPI ID number
- BPI's name and logo

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<sup>1</sup> An axiomatic concept is something implicit that requires no proof or explanation (e.g. – the sum of 2 and 2 is 4, or gravity states that if you drop something, it will fall to a lower level).

- reference to a certification scheme (name of certification)
- date when certification expires

## 10.2 Time Limits for Completing Certification

BPI permits twelve (12) months to complete the certification process from the time a candidate takes the first exam. Candidates may challenge the HHE online exam up to six (6) times in a one-year period. The one-year period begins after the first unsuccessful attempt of the exam, after which time a candidate will have five (5) more attempts to successfully challenge that particular exam.

Candidates that do not successfully complete the HHE online exam and achieve certification within the one-year period, must wait for the one-year anniversary of the first unsuccessful attempt to challenge the exam again.

## 10.3 Confidentiality of Information

BPI and BPI Test Centers shall adhere to all policies and procedures regarding candidate confidentiality and shall not release any information regarding any candidate or Certified Professional without obtaining prior written permission. Forms for this purpose are provided as part of the online registration process. These disclosure clauses are intended to assist BPI and the BPI Test Center to protect the candidate's or Certified Professional's information.

## 11. Certification Renewal

BPI Certified Professionals who hold the Healthy Home Evaluator certification will be required to renew their certification every three (3) years.

The certification renewal requirements for BPI certified HHE Professionals must be completed prior to the current certification expiration date. Certified Professionals will be allowed to start the certification renewal process six (6) months prior to expiration, and if successful, will have the next renewal date as three (3) years from the current certification expiration date. If certification renewal is completed more than six (6) months in advance, the expiration date will change to the date of the last successful exam.

To be eligible for certification renewal, BPI certified Healthy Home Evaluators:

- must hold a current BPI Building Analyst Professional, BPI Energy Auditor, BPI Quality Control Inspector, OR BPI Multifamily Building Analyst Certification at the time of renewal,

### **AND**

- must successfully challenge the HHE online exam prior to the expiration date, **OR**
- accumulate and submit prior to the certification expiration data a minimum of twenty-four (24) qualifying\* continuing education units (CEUs) over the three (3) years of certification, **OR**
- trainers provide and submit prior to the certification expiration date proof of one hundred and fifty (150) hours of relevant Healthy Homes training over the three (3) years of certification

\*See Appendix E for information on qualifying CEUs

As part of the certification renewal process, BPI will review the Certified Professional's file for any open complaints. Should there be any open complaints at the time of expiration, BPI will not award certification renewal. The certification of the individual will be withdrawn or revoked due to the Certified Professional's negligent refusal to follow the certification scheme requirements.

**\*Any attempt at certification renewal that is unsuccessful will end the current certification. (e.g. if an attempt at the HHE exam for certification renewal is unsuccessful, that will end the current HHE certification immediately.)**

## 12. Surveillance

Surveillance of the Certified Professional is established to ensure compliance to the policies and procedures for which the certification was granted. The certification of the individual may be withdrawn or revoked due to the Certified Professional's negligent refusal to follow the certification scheme requirements or failure to take appropriate corrective action as required by BPI.

## 13. File Review

The Certification Department will conduct a file review of Certified Professionals that have complaints filed against them. The review of the Certified Professional's file activities includes confirmation that any complaints against the Certified Professional have been resolved.

## 14. Corrective / Preventative Action

The corrective / preventative action shall include one of the following and is determined on a case by case basis at the discretion of BPI:

**Level One:** A corrective action will be given when the infraction is considered minor in nature. A written warning shall be sent to the Certified Professional about the nature of the infraction along with the required corrective action. The written warning shall become part of the Certified Professional's record.

**Level Two:** A corrective action will be given when the infraction is considered major in nature and requires proof. A written warning is sent to the Certified Professional about the infraction. The Certified Professional is required to submit documented proof that the infraction has been corrected. The written warning and response will become part of the Certified Professional's record.

## 15. Withdrawal of Certification

Should the BPI certified Healthy Home Evaluator not maintain certification by not being able to fulfill the obligation of the certification due to illness, disability, change of profession, etc., the certification will be withdrawn at the request of the Certified Professional. BPI must be notified immediately if a Certified Professional may not be able to, or is no longer able to, fulfill the requirements of the certification.

BPI reserves the right, on a case by case basis, to withdraw a person's BPI Certification(s) at its discretion. Reasons for withdrawal of a BPI Certification include, but are not limited to:

- Failure to meet certification renewal criteria as outlined in Section 11
- Failure to take steps to submit the requested information of a corrective action as outlined in Section 14
- Failure to follow the BPI HHE Code of Ethics and/or Code of Conduct
- Failure to follow BPI Standards that align with the certification's JTA's, when applicable

In the event the BPI HHE certification is withdrawn; the BPI Manager of Client Relations will review the Certified Professional's record and send confirmation of the withdrawal within thirty (30) days and provide a written statement in regard to steps that must be taken if the candidate requests the certification be reinstated.

Use of the BPI logo or brand and representation of being BPI certified must cease immediately if a certification is withdrawn, revoked, or expired.

## 16. Appeal Procedure

Individuals who wish to file an appeal of a decision on certification, against the results of an HHE exam, or regarding the suspension of the HHE certification, must do so in writing.

**Please Note:** If a candidate chooses to challenge the exam that they are appealing, prior to the notification of a final decision on their appeal, the results of the appeal will be null and void, regardless of the outcome. The original score of the appealed exam will stand.

### Appeal Process for Exam Review

To contest the results of an HHE exam, the candidate must follow the procedures, below:

1. A request for review must be made within thirty (30) days from the date of the exam. The request for review may be made in the following manner:
  - a. Submit the Exam Grade Appeal Form via the [BPI website](#):  
Go to [www.bpi.org](http://www.bpi.org) and hover over **About Us** at the top of the page, select **Contact Us**. Enter your information and choose **Exam Grade Appeal** from the **Category** dropdown box.
  - b. Send a letter via registered mail to:  
Building Performance Institute, Inc.  
Attn: Appeals  
68 Putnam Street, Suite 202  
Saratoga Springs, NY 12866
  - c. Send an email to [Appeals@bpi.org](mailto:Appeals@bpi.org)
2. The request for review must specifically state the reasons why the candidate believes the initial decision should be modified or overturned and provide information on the issue; or include a specific reference where required procedures were not followed.



3. The review will be carried out by the Quality Assurance (QA) Department. Review results will be forwarded to the Director, who will provide the decision to the candidate, via email, within six to eight (6-8) weeks of receiving the request for appeal.

### Appeal Process for Suspension of Certification

For a review of suspension or withdrawal of certification, the Certified Professional must follow the procedures, below:

1. A request for review must be made within thirty (30) days from the date of the suspension or withdrawal of certification. The request for review may be made in the following manner:
  - a. Submit the Complaint Form via the [BPI website](#):  
Go to [www.bpi.org](http://www.bpi.org) and hover over **About Us** at the top of the page, select **Contact Us**. Enter your information and choose **Complaint Form** from the **Category** dropdown box.
  - b. Send a letter via registered mail to:  
Building Performance Institute, Inc.  
Attn: Appeals  
68 Putnam Street, Suite 202  
Saratoga Springs, NY 12866
  - c. Send an email to [Appeals@bpi.org](mailto:Appeals@bpi.org)
2. The request for review must specifically state the reasons why the Certified Professional believes the initial decision should be modified or overturned and provide new information on the issue; or include a specific reference where required procedures were not followed.
3. The review will be carried out by the Quality Assurance (QA) Department. Review results will be forwarded to the Director, who will provide the decision to the candidate, via email, within six to eight (6-8) weeks of receiving the request for appeal.

## 17. Complaints

BPI recognizes that there are two main types of complaints that may be brought to its attention:

- Complaints regarding BPI and/or its related vendor organizations (administrative, testing, Test Center, proctor, etc.)
- Complaints regarding BPI Certified Professionals or organizations with BPI Certified Professionals on staff

### Complaints Process

To file a complaint, the individual must follow the procedures, below:

1. A complaint must be made within thirty (30) days from the date that the situation occurred. The request for review may be made in the following manner:
  - a. Submit the Complaint Form via the [BPI website](#):

Go to [www.bpi.org](http://www.bpi.org) and hover over **About Us** at the top of the page, select **Contact Us**. Enter your information and choose **Complaint Form** from the **Category** dropdown box.

- b. Send a letter via registered mail to:  
Building Performance Institute, Inc.  
Attn: Complaints  
68 Putnam Street, Suite 202  
Saratoga Springs, NY 12866
  - c. Send an email to [Complaints@bpi.org](mailto:Complaints@bpi.org)
2. The request for review must provide specific details for the complaint and any type of documented information that pertains to the situation.
  3. The review will be carried out on a case by case basis by the Quality Assurance (QA) Department. Review results will be forwarded to the Director, who will provide the decision to the complainant, via email, within thirty to forty (30 – 40) days of receiving the complaint.

## 18. Comments

Submit any comments regarding the certification exams or processes to [Certification@bpi.org](mailto:Certification@bpi.org).

## Appendix A – Code of Conduct

By obtaining the Healthy Home Evaluator Certification, you are agreeing to the terms and conditions of BPI's Code of Conduct.

### Code of Conduct

Certification may be denied, suspended, or revoked, if an individual is not in compliance with this Code of Conduct. Grounds for disciplinary action include (but are not limited to):

1. An irregular event in connection with an exam, including (but not limited to) copying exam materials, causing a disruption in the testing area, and failure to abide by reasonable exam administration rules;
2. Taking the exam for any purpose other than that of becoming certified in the technical area referenced in the title of the exam;
3. Disclosing, publishing, reproducing, summarizing, paraphrasing, or transmitting any portion of the exam in any form or by any means, verbal, written, electronic or mechanical, without the prior expressed written permission;
4. Providing fraudulent or misleading information;
5. Failure to pay fees when due;
6. Unauthorized possession or misuse of certifications;
7. Misrepresentation of certification status;
8. Failure to provide requested information in a timely manner;
9. Impairment of professional performance because of habitual use of alcohol, drugs, or other substance, or any physical or mental condition;
10. Gross or repeated negligence or malpractice in professional work;
11. Failure to maintain a current professional credential as required by the jurisdiction in which the individual practices (this may include a license, certificate, or registration);
12. The conviction of, plea of guilty to, or plea to a felony or misdemeanor related to public safety or the building industry;
13. Disciplinary action by a licensing board related to a building industry; and
14. Other failure to maintain continuous compliance with the certification standards, policies, and procedures related to your certification.

## **Disciplinary Actions**

The following disciplinary actions may be taken as a result of non-compliance with this Code of Conduct:

- Denial or suspension of eligibility;
- Denial of certification;
- Revocation of certification;
- Non-renewal of certification;
- Suspension of certification;
- Reprimand; or
- Other corrective action.

## Appendix B – BPI Certification Agreement

### BPI Certification Agreement

HHE applicants will be required to accept BPI's Candidate Certification Agreement before beginning your exam. Make sure to read and be familiar with this agreement before you take your exam.

BY SIGNING YOU ARE AGREEING TO THE TERMS AND CONDITIONS OF THIS CANDIDATE CERTIFICATION AGREEMENT. CANDIDATE OR CERTIFIED INDIVIDUAL MAY TAKE THE EXAM ONLY IF CANDIDATE OR CERTIFIED INDIVIDUAL AGREES TO THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF CANDIDATE OR CERTIFIED INDIVIDUAL DOES NOT AGREE TO THE TERMS AND CONDITIONS, CANDIDATE OR CERTIFIED INDIVIDUAL SHALL SELECT "NO, I DO NOT AGREE" BELOW AND WILL NOT BE ALLOWED TO TAKE THE EXAM.

BPI and Candidate or certified individual hereby agree that the terms and conditions of the Agreement shall govern Candidate or certified individual's participation in BPI's Certification Exam and BPI's Certification.

#### 1. CERTIFICATION

- a. The Candidate or certified individual must:
  - meet the prerequisites
  - pay the applicable exam fees;
  - accept the terms and conditions of this Agreement before completing the Exam;
  - pass the exam(s)
  - keep contact information up to date
- b. Modification to Certification Requirements. BPI's Director level staff may expand or reduce the title or scope of the desired certification or withdraw the certification.
- c. Termination. Candidate or certified individual may terminate this Agreement at any time upon written notice to BPI. The Certification or certified individual is valid for a period of three (3) years after the date of passing the last qualifying exam. If the candidate or certified individual chooses to terminate this agreement prior to the expiration date of their certification, the certification, including all related material, must be surrendered and will be void. Upon termination of this Agreement and after the expiration of the Certification, all rights related to the Candidate's Certification, including all rights to use the Certification and the Logo, will immediately terminate.

#### 2. COMPLIANCE WITH TESTING REGULATIONS

Candidate or certified individual agrees to comply with all testing regulations required by BPI and/or its Test Centers and testing centers.

- d. No Cheating. Candidate or certified individual agrees that all answers submitted in completing the Exam and are entirely their own. Candidate or certified individual will neither: (i) provide nor accept improper assistance; nor (ii) use unauthorized materials in attempting to satisfy Certification Requirements.
- e. No Misconduct. Candidate or certified individual agrees not to (i) falsify his or her identity or impersonate another individual; (ii) forge the Certification, Exam score reports, identification cards or any other Exam records; (iii) engage in fraudulent conduct or misrepresent him or herself as Certified when he or she has not successfully met the applicable Certification Requirements; (iv) misuse or disclose username and/or password or any other Certification identities; and/or (v) engage in any other misconduct that could be considered by BPI, in its sole discretion, as compromising the integrity, security or confidentiality of the Exam or the Certification.
- f. No Disclosure. Candidate or certified individual understands and agrees that the Exam is BPI's confidential and proprietary information. Candidate or certified individual agrees to maintain the confidentiality of the Exam and not disclose, whether verbally, in writing or in any media, the contents of the Exam or any part of the Certification. Further, Candidate or certified individual agrees not to request any other individual to disclose the Exam or any part thereof to the Candidate or certified individual.

- g. No Misuse of the Exam. Candidate or certified individual agrees not to copy, publish, offer to sell, sell, publicly perform or display, distribute in any way or otherwise transfer, modify, make derivative works thereof, reverse engineer, decompile, disassemble or translate the Exam or part thereof.
3. BPI ACTION FOR NON-COMPLIANCE
- h. Candidate or certified individual understands and agrees that, if for any reason and at its sole discretion, BPI believes the Candidate or certified individual violated the terms of this agreement or the criteria against which the competence of a person is evaluated in accordance with the scheme of the certification. BPI has the right to deny Candidate or certified individual any further participation in the Exam, cancel a passed Exam result, remove the Candidate or certified individual's certified status and any other rights previously conferred on the Candidate by BPI, and to permanently bar Candidate or certified individual from any further participation in BPI's Certification.
4. WITHDRAWAL OF CERTIFICATION
- i. Should the certified individual not maintain or not continue to prove their competence for this certification to the satisfaction of BPI, the certification will be withdrawn. In the event the certification is withdrawn, the BPI certification operations manager will review the certified individual's record and provide a written statement in regards to steps that will be taken in order for the certification to be reinstated.

Reasons for withdrawal of an individual's certification by BPI include, but are not limited to:

- Failure of the multiple-choice test instrument.
  - Failure of field evaluation.
  - Verification of a complaint by building owner or the owner's representative for failure to meet installation requirements and then not correcting the deficiency.
  - Failure to take steps to correct improper practices.
- j. If the certified individual may not be able or is no longer able to fulfill the requirements of the certification the certified individual must notify BPI immediately and surrender all certification documents, such as BPI ID Card and BPI Certificate to BPI, and cease using any logo or marketing materials.
5. REPRESENTATIONS AND WARRANTIES
- k. By the Candidate or certified individual. Candidate or certified individual represents and warrants that: (i) Candidate or certified individual will refrain from any conduct that may harm the goodwill and reputation of BPI or its products and (ii) Candidate or certified individual shall not make any representation, warranty or promise on behalf of or binding upon BPI and (iii) Candidate or certified individual shall not make claims regarding certification outside of the intended scope of the appropriate certification.
- l. Candidate or certified individual agrees to not use the certificate in a manner that is misleading or unwarranted.
6. INDEMNIFICATION
- m. Candidate or certified individual agrees to indemnify, defend and hold BPI harmless against any losses, liabilities, damages, claims and expenses (including attorneys' fees and court costs) arising out of any claims or suits, whatever their nature and however arising, in whole or in part, which may be brought or made against BPI, or its Test Centers, officers, employees or assigns, in connection with: (i) any personal injury, property damage or other claims which are caused, directly or indirectly by any negligent act, omission, illegal or willful misconduct by the Candidate or certified individual, (ii) Candidate or certified individual's use or misuse of the Certification and/or the Logo; (iv) Candidate or certified individual's use or misuse of BPI' confidential information; and/or (v) Candidate or certified individual's breach of any obligations or warranties under this Agreement.
7. LIMITATION OF LIABILITY
- n. Damages. BPI shall not be liable for any indirect, incidental, special, punitive, or consequential damages or any loss of profits, revenue, or data. BPI's liability for direct damages, whether in contract, tort or otherwise, shall be limited to the fees paid to BPI under this Agreement.
8. CONFIDENTIALITY UNDERTAKING
- o. By signing this Agreement, Candidate or certified individual agrees to all terms and conditions herein
- p. Candidate agrees (i) to hold Confidential Information in confidence and take all reasonable precautions to protect it, (ii) not to, directly or indirectly, use Confidential Information at any time during the certification procedure, the performance of the Exam and thereafter, and (iii) not to, directly or indirectly, disclose, publish, reproduce or transmit any Confidential Information completely or in part to any third party, in any form, including but not limited to verbal, written, electronic or any other means for any purpose without the prior express written permission of BPI.

- q. BPI retains all rights, title and interest in and to all information, content and data contained in the Exam and all copyrights, patent rights, trademark rights and other proprietary rights thereto provided by BPI under the certification procedure and Exam.

Upon any breach by the Candidate or certified individual of the confidentiality undertaking in the Candidate Certification Agreement, BPI may automatically and without notice withdraw Candidate's Certification. Further, BPI is entitled to pursuing any other available remedy for unauthorized disclosure or for breach of the confidentiality undertaking in said Agreement.

## Appendix C – Candidates with Special Testing Accommodations

### Candidates with Special Testing Accommodations

The Americans with Disabilities (ADA) Act provides comprehensive civil rights protection for qualified individuals with disabilities. An individual with a disability is a person who: (1) has a physical impairment or a mental impairment that substantially limits a major life activity, (2) has a record of such impairment, or (3) is regarded as having such an impairment.

The ADA does not specifically name all of the impairments that are covered. If you have a disability, you have the right to inquire and receive information about testing accommodations.

“Testing Accommodation” means an adjustment to or modification of the standard testing conditions that eases the impact of the applicant’s disability on the exam process without altering the nature of the exam.

As an applicant claiming a disability that requires testing accommodations, the applicant must properly complete the Special Testing Accommodation form. The burden of proof is on the applicant to establish the existence of a disability protected the Americans with Disabilities Act, as well as to establish the need for testing accommodations. Each application is evaluated on a case by case basis.

Qualified individuals with disabilities are required to request accommodations every time they plan to take the exam. It is in the candidate’s best interests to provide recent and appropriate documentation, which clearly defines the extent and impact of the impairment(s) upon current levels of academic and physical functioning.

- Request for accommodations and appropriate supporting documentation, which when completed, should provide evidence of a substantial limitation to physical or academic functioning.
- Clinical evaluations and exams of the candidate that have resulted in a diagnosis of a physical or mental impairment must have been performed by a licensed/certified or otherwise qualified professional with credentials appropriate to diagnose a candidate’s disability consistent with the provisions of the ADA. Details about the professional’s area of specialization and professional credentials must be provided.
- Documentation must be submitted on official letterhead from a licensed or qualified professional who examined the candidate and diagnosed a physical or mental impairment. Depending on the disability and written evaluation, documentation may include a letter from a physician or a detailed report.
- Document must be no more than 3 years old.
- Documentation for all disabilities should describe the extent of the disability and recommended accommodations.

A diagnosis of Attention Deficit Disorder (ADD) or Attention Deficit Hyperactivity Disorder (ADHD) must be supported by a current (administered within the past three years) comprehensive evaluation and relevant neuropsychological or psychoeducational assessment batteries. The report must include documented information that the patient meets criteria for long standing history, impairment, and pervasiveness. The report must include specific diagnosis of ADHD based on the DSM-IV diagnostic criteria.

- [Candidate Application for Special Testing Accommodations](#), or go to [www.bpi.org](http://www.bpi.org)
- [Provider Application for Special Testing Accommodations](#), or go to [www.bpi.org](http://www.bpi.org)
- Clinical evaluation on official letterhead (letter or detailed report)

Please submit the forms at least thirty (30) days prior to your scheduled exam.

Once these forms have been reviewed the applicant will receive notification from BPI. If approved, you must bring the approval notice with you to the BPI Test Center.



## Appendix D – Language Barrier Testing Accommodations

### Language Barrier Testing Accommodations

If you have difficulty in comprehending the language of the exam, you have the right to inquire in advance of testing whether any accommodations may be available to you. BPI shall allow the candidate, at his or her expense, to have an interpreter present at either online or field exam, provided that the interpreter is a bona fide interpreter that is engaged in that profession and that is pre-approved by BPI.

BPI Standard Testing Accommodations for candidates with a language barrier.

#### **Online Exams:**

Exam times will be doubled.

#### **Practical Exams:**

Exam times will be doubled.

- [Candidate Application for Language Barrier Testing Accommodations](#), or go to [www.bpi.org](http://www.bpi.org)

Please submit the form at least thirty (30) days prior to your scheduled exam.

Once these forms have been reviewed the applicant will receive notification from BPI. If approved, you must bring the approval notice with you to the BPI Test Center.

## Appendix E – Continuing Education Units (CEUs) for the HHE Certification

Continuing Education Units (CEUs) are an integral aspect of BPI's certifications. Continuing education permits BPI Certified Professionals to keep up with a quickly changing industry and bypass most online exams when renewing their certification(s). Continuing education improves a Certified Professional's knowledge and ability to properly diagnose a home and recommend improvements.

BPI CEU Providers and existing BPI Test Centers are outside organizations who provide relevant continuing education and submit their courses to BPI for review for BPI Continuing Education Units (CEUs). Certified Professionals can search for opportunities for CEUs in their candidate account or by going to the bpi website at <https://exams.bpi.org/site/en/ce/search>. BPI does not endorse the content, instructor or guarantee quality of the course or instruction.

As an option to bypass the HHE online testing at the time of recertification, candidates may have collected CEUs and applied them as described in Section 11 of this document. Active CEU values apply to a candidate's certification(s) at the time of renewal. The required number of CEUs used to bypass online testing will not increase when renewing multiple certifications at the same time. Acquiring CEUs is an option for recertification and is not mandatory.

### **CEUs - Self-Attesting**

BPI Certified Professionals that are self-attesting to CEUs for certification renewal must submit proof (certificates of completion must include course name, date and organization) through the [CEU Portal](#) no less than thirty (30) days prior to the certification expiration date. CEUs submitted less than thirty (30) days prior could result in those CEUs not being applied toward a candidate's recertification. If you attended a BPI preapproved class that is not showing in your candidate account, please contact the presenter directly. Proof of attendance for BPI pre-approved courses must be submitted by the presenter. The candidate is responsible for ensuring that all CEU submissions are credited in their individual BPI candidate account as there are no extensions given.

**\*Any attempt at recertification that is unsuccessful will end the current certification.**

### **Categories and Category Definitions**

All material should be considered with the following ratios (number of hours of training to number of CEUs awarded):

| Training Hours to CEU Ratio | Categories of CEU Consideration |  |
|-----------------------------|---------------------------------|--|
| 1:1                         | <b>Healthy Homes Training</b>   | Every hour of training earns 1 CEU (dedicated to Healthy Homes and interactions between the building and the indoor environment/occupants, including primary certification training attended for the sole purpose of CEU credits. Training must incorporate 70% of content from Section 6 Functions and Tasks in this Scheme Handbook) |

| Training Hours to CEU Ratio | Categories of CEU Consideration                  |   |
|-----------------------------|--|---|
| 1.5:1                       | <b>Whole-house Training with Healthy Housing</b> | 1.5 hours of training earns 1 CEU (e.g., any healthy housing related training with whole-house application)   |
| 3:1                         | <b>Non Whole-house Training</b>                  | 3 hours of training earns 1 CEU (e.g., any healthy housing specific training without whole-house application, such as dryer vent installation, food safety, biocides) |

**Healthy Homes Training:** Must incorporate 70% of content from BPI's Testing Knowledge Lists.

**BPI Whole-house Training:** Training related to exterior/interior Inspection, lighting & appliances, combustion safety, blower door, moisture, air flow, insulation & R value, thermo dynamics-heat transfer, conduction, convection, radiation.

**Non Whole-House Training:** Any non-building specific training without whole-house application such as heating, plant installation, framing, ventilation, blower door testing, etc.

### Activities and Activity Definitions

| Activity   | CEU Hours Max                   | Proof  |
|--|---------------------------------|--|
| Technical Conferences  | 20 CEUs per certification cycle | Proof of attendance/<br>Certificate of Completion  |
| Classroom Trainings  | Unlimited                       | Proof of attendance/<br>Certificate of Completion  |
| Webinars   | 10 CEUs per certification cycle | Certificate of Completion,<br>email from presenter<br>(included must be course name, date, organization, and length) |
| As Trainer   | 15 CEUs per certification cycle | Proof from Employer/Self<br>Employed see below   |
| Participation on BPI Committees (i.e., Certification Scheme Committee(s), Subject Matter Experts, Standards Technical Committee, Working Groups) | 6 CEUs per certification cycle  | Committee roster and active participation in meetings (e.g., voting, attendance records)                             |

| Activity  | CEU Hours Max  | Proof  |
|---|--|--|
| Reading Articles  | 10 CEUs per certification cycle                                  | Certificate of completion including proof of successful quiz. Quiz developed by article publisher and on the article content |
| Author of Related Published Book  | 10 CEUs per book with maximum of 20 CEUs per certification cycle | Date, Title and link to published book   |
| Write a Related Educational Article   | 2 CEUs per article / 10 CEUs per certification cycle             | Date, Title and link to article  |
| Presentation of Pre-Reviewed Material   | 10 CEUs per certification cycle                                  | Details about the course, BPI Approval and times   |
| Online Training   | Unlimited  | Certificate of completion including proof of a successful quiz. Quiz developed by presenter on course content                |
| <b>*Certification cycle is the time between the date a certification was awarded and the expiration date.</b> |  |  |

**Technical Conference:** Specific training sessions at technical conferences that align with BPI Standards and knowledge, skills and abilities (section 8 of this document) will be granted CEU credit(s). Candidates cannot get credit for attending a conference without proof of participation in training sessions.

**Classroom Trainings:** BPI considers classroom trainings to be educational sessions in which the instructor is conducting a program that aligns with BPI Standards and knowledge, skills and abilities (section 8 of this document) in real time; the instructor and students are engaged in the educational program at the same time.

**Webinars:** BPI defines webinars as those in which the instructor and student are separated by location but the instructor is conducting the program which aligns with BPI Standards and Testing Knowledge Lists in real time.

**Trainer:** Credits can be received by an individual who is instructing/teaching any training course that aligns with the BPI Standards and Testing Knowledge Lists.

**Participation on BPI Committees:** Candidate who participates on a BPI committee can receive CEU credit.

**Reading Articles:** Credit will be allowed for Certified Professionals reading any published article(s) that align with BPI Standards and Testing Knowledge Lists and passes a corresponding quiz related to the content of the article. These articles are usually pre-approved.

**Author of Related Published Book:** Credit may be allowed for authorship of published books related to BPI Standards and Testing Knowledge Lists.

**Write a Related Educational Article:** Credit may be allowed for authorship of published articles related to BPI Standards and Testing Knowledge Lists.

**Presentation of Pre-reviewed Material:** BPI considers live presentations to be educational sessions in which the instructor is conducting the program in real time. All material needs to be reviewed and approved prior to presentation.

**Online Sessions:** BPI considers online sessions to be educational sessions that align with BPI Standards and Testing Knowledge Lists that can be accessed at any time and where there is no live instructor. Candidates must pass a corresponding quiz related to the content of the course created by the presenter.

### **Limitation of Repeat Courses**

CEUs will be awarded for activities that Certified Professionals participate in that are the same; however, a candidate will not earn CEUs for the same class taken more than two (2) times within a certification cycle.

### **Quality Assurance**

Any CEUs that are submitted must align with the Knowledge Skills and Abilities listed in the Functions and Tasks (Section 6) section of this document. BPI will perform random audits on continuing education units/credits submitted by candidates. This is to ensure CEU Quality Assurance. At its discretion, BPI reserves the right to change the status, revoke or withdraw any certification or CEU submitted based on any form of non-compliance found during a routine audit. Upon a quality assurance audit, CEUs submitted could have a status change (from approved to not approved, etc.) or the number of credits could be changed which could affect recertification. Candidates are responsible for checking their candidate account to make sure they have enough CEU credits.

### **Contact Information**

Questions regarding CEUs can be addressed via email [CEUs@bpi.org](mailto:CEUs@bpi.org) or call 1-877-274-1274 ext. 292.

## Appendix F – BPI Parental or Guardian Consent and Waiver of Liability Form for Candidates Under the Age of 18



See Reverse for Waiver and Release of Liability, Assumption of Risk Agreement and Parental Consent and Indemnity Agreement

By initialing here, I (or parent/guardian if under 18 years of age) understand this is a two-sided document which contains important information on the reverse of this form and requires my signature on the final page  
\_\_\_\_\_ (Initial here).

**BY SIGNING, YOU ARE AGREEING TO THE TERMS AND CONDITIONS OF THIS WAIVER AND RELEASE OF LIABILITY. CANDIDATE MAY TAKE THE EXAM ONLY IF CANDIDATE AND PARENT/GUARDIAN AGREES TO THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF CANDIDATE AND PARENT/GUARDIAN DO NOT AGREE TO THE TERMS AND CONDITIONS, CANDIDATE SHALL SELECT "NO, I DO NOT AGREE" BELOW AND WILL NOT BE ALLOWED TO TAKE THE EXAM.**

**Dear Parent or Guardian:**

We appreciate your child's interest in learning building science and preparing for employment in the residential energy efficiency industry. BPI Professionals perform diagnostics, repairs, and install improvements on homes that translate into energy savings, improved comfort, and more durable homes. While every precaution is taken to ensure a safe exam experience for candidates, existing homes do present certain dangers. BPI and the BPI Test Center delivering this exam rely on mature, responsible professional proctors to deliver exams, however there are certain hazards inherent in the exam process. Accordingly, it is our policy to require the execution of this Consent Waiver of Liability Form by a parent or guardian of candidates under the age of 18. Please be aware that the laws of your state may prohibit persons under the age of 21 from obtaining employment in certain construction related fields.

Please acknowledge your consent and agreement to the following by signing below:

I am the parent and/or legal guardian of \_\_\_\_\_, who is \_\_\_\_\_ years old,  
*full name of candidate* *age*  
and he/she has my permission to participate in the BPI exam process.

On behalf of said minor, I hereby release BPI, the BPI Test Center, their officers, agents, employees, volunteers, owner(s), administrators, directors, officers, trainers, and employees from and against any liability, damages, expenses, or injury including medical expenses and/or property damage cause or sustained by said minor or third parties while engaging in or as a result of the exam process. I further agree to personally indemnify BPI, the BPI Test Center, their officers, agents, employees, volunteers, owner(s), administrators, directors, officers, trainers, and employees from and against any liability, damages, expenses, illness, or injury including medical expenses and/or property damage cause or sustained by said minor or third parties while engaging in or as a result of the exam process.

### **Waiver and Release, Assumption of Risk and Parental Consent and Indemnity Agreement**

*In consideration of my being allowed to participate in BPI exam activities, I agree:*

1. I understand the nature of BPI exam activities for the certification for which I have applied, and I am aware of my training, experience, and capabilities, and believe I am qualified to participate in such activity.
2. I further acknowledge that I am aware the activities will be conducted in facilities that may contain unsafe or potentially hazardous conditions, including but not limited to:
  - Electric and combustion appliances, including ducting, venting, wiring, and other conditions, and components which may be in unsafe condition
  - Mold, lead paint, asbestos, and other hazardous or toxic chemicals
  - Improperly installed or faulty electrical wiring

- Structures which may be in unsafe condition
  - Dangerous combustion gases, including carbon monoxide, and dangerously hot or combustible materials, which may be in unsafe condition
3. I understand that I will be required to use electrical or battery-powered equipment and tools.
  4. I understand I may be required to climb on or walk in, on, or around walls, floors, yards, attics, and cellars of buildings that may be in unsafe condition.
  5. I further agree and warrant that if I believe conditions to be unsafe, I will immediately discontinue participation in the activity.
  6. I understand the exam will be videotaped for quality assurance purposes, but may not be reviewed by the candidate, parent, or trainer.
  7. **I fully understand** that:
    - a. Exam activities involve risks and dangers of **serious bodily injury, including permanent disability, paralysis, and death** (“Risk”).
    - b. These risk and dangers may be caused by me or the actions or inactions of others participating in the activity, the condition in which the activity takes place, or the **negligence of the “releasees” named below**.
    - c. There may be other risk and social and economic losses either known to me or not readily foreseeable at this time; and **I fully accept and assume all such risks and all responsibility for losses, cost, and damages** incurred as a result of my participation in these activities.

I HEREBY RELEASE , DISCHARGE, COVENANT NOT TO SUE, AND AGREE TO INDEMNIFY AND SAVE HOLD HARMLESS BPI, THE BPI TEST CENTER, THEIR OFFICERS, AGENTS, EMPLOYEES, VOLUNTEERS, OWNER(S), ADMINISTRATORS, DIRECTORS, OFFICERS, TRAINERS, AND EMPLOYEES (EACH CONSIDERED ONE OF THE “RELEASEES” HEREIN) FROM ALL LIABILITY, CLAIMS, DEMANDS, LOSSES, OR DAMAGES ON MY ACCOUNT CAUSED OR ALLEGED TO BE CAUSED IN WHOLE OR IN PART BY CANDIDATE, BY THE NEGLIGENCE OF THE “RELEASEES” OR OTHERWISE, INCLUDING NEGLIGENT RESCUE OPERATIONS, AND FURTHER AGREE THAT IF, DESPITE THIS RELEASE, I, OR ANYONE ON MY BEHALF MAKES A CLAIM AGAINST ANY OF THE “RELEASEES” NAMED ABOVE, I WILL INDEMNIFY, SAVE AND HOLD HARMLESS EACH OF THE RELEASEES FROM ANY LITIGATION EXPENSES, ATTORNEY FEES, LOSS OF LIABILITY, DAMAGE OR COST THAT MAY INCUR AS THE RESULT OF ANY SUCH CLAIM.

**Consent and Release of Parent or Guardian**

I am the parent or guardian of the child applying to take the BPI exam for certification. My child is fit for participation in these exam activities, and I consent to my child’s participation. **I have read and understand the application and this waiver and release.** In consideration of allowing my child to participate, I consent to it and agree that **its terms shall likewise bind me, my child, my heirs, legal representative, and assignees. I hereby release and shall defend, indemnify and hold harmless the releasees from every claim and any liability** that I or my child may allege against the releasees (including reasonable attorney’s fees or cost) as a direct or indirect result of injury to me or my child because of my child’s participation in the event, **whether caused by the negligence of the releasees** or others. **I promise not to sue releasees** on my behalf or on behalf of my child regarding any claims arising from my child’s participation in any BPI exam activities.

- I agree and accept the terms and conditions of this agreement
- I do not agree (you will not be permitted to take the exams)

**\*\*\*CAUTION\*\*\***

Read above carefully before signing. This document releases all liability of the releasees, and you may wish to seek legal counsel before signing.

\_\_\_\_\_  
Printed Name of Candidate for BPI Certification

\_\_\_\_\_  
Signature of Participant or Parent/Guardian

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

## Terms and Definitions

**Appeal** – Request by applicant, candidate or Certified Professional for reconsideration of any adverse decision made by the certification body related to her/his desired certification status.

**Candidate** – Applicant who has fulfilled specified prerequisites, allowing his/her participation in the certification process.

**Certified Professional** – An individual who successfully passes the BPI written and field exam requirements for certification.

**Certification Process** – All activities by which a certification body establishes that a person fulfills specified competence requirements, including application, evaluation, decision on certification, surveillance and recertification, use of certificates and logos/marks.

**Certification Scheme** – Specific certification requirements related to specified categories of persons to which the same particular standards and rules, and the same procedures apply.

**Competence** – Demonstrated ability to apply knowledge and/or skills and, where relevant, demonstrated personal attributes, as defined in the certification scheme.

**Complaint** – Conformity assessment request, by any organization or individual to a certification body, for corrective action relating to the activities of that body or to those of any of its customers.

**Evaluation** – Process that assesses a person's fulfillment of the requirements of the scheme, leading to a decision on certification.

**Exam** – Mechanism that is part of the evaluation, which measures a candidate's competence by one or more means such as online, oral, practical and observational.

**Proctor** – Person with relevant technical and personal qualifications, competent to conduct and/or score an exam; an individual approved to administer BPI certification exams.

**Qualification** – Demonstration of personal attributes, education, training and/or work experience.

**Quality Assurance** – The observation techniques and activities used externally by an organization to evaluate the effectiveness of their quality management system and to provide feedback that may result in quality improvements.

**Recertification** – Process of confirming conformity with current certification requirements.

**Scheme Committee** – Group of people chosen by the certification body to provide input, recommendations, guidance and review of a certification scheme.

**Surveillance** – Periodic monitoring during the period of certification of a Certified Professional's performance to ensure continued compliance with the certification scheme.

**Test Center** – An organization with a legal agreement between itself and BPI; authorized to give BPI certification exams.