

Building Performance Institute, Inc.

BUILDING SCIENCE PRINCIPLES CERTIFICATE OF KNOWLEDGE

Comprehensive Program Guide



What is the BSP?

The Building Science Principles (BSP) Certificate of Knowledge is the perfect first step for professionals, students, and policy makers looking to understand energy-efficient home performance. This certificate demonstrates a fundamental understanding of how home components - insulation, HVAC, ventilation, and appliances - interact to affect energy efficiency, comfort, and durability.

Program Overview

The BSP Certificate is designed for individuals seeking foundational building science knowledge. Unlike hands-on certifications, this is an entry-level credential suited for:

- Building trade professionals
- Students in energy-related fields
- Home inspectors, appraisers, and realtors
- Policy makers and energy program managers
- Energy efficiency product sales representatives

What You'll Learn

- The role of insulation, HVAC, and ventilation in building performance
- How to improve energy efficiency before adding renewable energy systems
- The fundamentals of whole-home performance and energy savings
- An introduction to the U.S. DOE Home Energy Score

**Elevate Your Career in
Energy Efficiency**





Become a Trusted Resource in Sustainable Building Practices

How to Earn Your BSP Certificate

Step 1: Study the HHP Reference Guide

The BSP Reference Guide is available in two formats:

- Digital Reference Guide (recommended for desktop use) – \$119 if paid by ACH/Check/Debit or \$122.57 if paid by Credit
- Printed Reference Guide – \$139 + shipping if paid by ACH/Check/Debit or \$143.17 + shipping if paid by Credit

Training programs may offer courses to support the certificate; check the [Locator Tool](#) to learn more about programs near you.

Step 2: Take the Online Exam

- The BSP Exam consists of 100 multiple-choice questions
- A passing score is 70%
- The exam is taken online at any time (no proctor required)
- Candidates have one year from purchase to complete the exam
- The exam fee is \$119 if paid by ACH/Check/Debit or \$122.57 if paid by Credit, with an additional fee for each retake

Who Should Earn the BSP Certificate?

Building Trade Professionals

Enhance your credibility and ability to educate customers:

- Contractors & remodelers
- HVAC, insulation, & window professionals
- Solar, geothermal, & other renewable energy specialists

Policy Makers & Program Managers

Develop stronger energy policies and risk reduction strategies:

- Government & utility program managers
- Contract administrators for energy incentive programs

Home Inspectors, Appraisers, & Realtors

Improve your ability to assess and market high-performance homes:

- Home inspectors & real estate agents
- Mortgage & energy financing officers

Students & Emerging Professionals

Gain a competitive edge for careers in sustainability and green building:

- Vocational/trade school students
- Community college students in energy-related fields
- Secondary students interested in environmental science



BPI Certified Professionals:
Earn 6 BPI CEU credits by
passing the exam!

Frequently Asked Questions

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| 1 | What is the format of the BSP Exam? | The BSP Exam features 100 multiple-choice questions and is taken online with no proctor required. To pass, candidates need a score of 70% or higher. |
| 2 | Can I retake the exam if I don't pass? | Yes! You can retake the exam, but each attempt requires payment of the \$119 exam fee. |
| 3 | How long do I have to complete the exam? | You have one year from the date of purchase to take the exam. |
| 4 | Do I need hands-on training before taking the exam? | No, the BSP is a knowledge-based certificate, and studying the Reference Guide provides sufficient preparation. |
| 5 | Is the exam available in Spanish? | Yes! The BSP Reference Guide and exam are available in both English and Spanish. |
| 6 | Can I take the exam at a testing center? | Yes, while the exam is online, some candidates may prefer a BPI Test Center. Contact your local test center for scheduling. |
| 7 | How do I earn BPI CEUs? | BPI Certified Professionals can earn 6 CEU credits by passing the BSP Exam and uploading their BSP Certificate to their BPI CEU Account. |

Ready to Get Started?

- [Click Here to Preview the BSP Reference Guide](#)
- [Register for the Exam](#)
- Have Questions? [Contact Us!](#)

Visit Our Website to Explore Further!

This guide provides valuable information for those pursuing the BSP Certificate of Knowledge.

