

Building Performance Institute, Inc. Knowledge Areas for Certification Designations

Building Analyst Professional	Envelope Professional	Manufactured Housing Professional	Heating Professional	A/C or Heat Pump Professional
Building Science (Fundamentals)	Building Science (Intermediate)	Building Science (Intermediate)	Building Science (Intermediate)	Building Science (Intermediate)
Buildings and their Systems (Fundamentals)	Envelope Systems and their interaction with other building systems (Intermediate)	Manufactured Housing Systems and their interaction with other Manufactured Housing systems (Intermediate)	Heating Systems and their interaction with other building systems (Intermediate)	A/C or Heat Pump Systems and their interaction with other building systems (Intermediate)
Measurement and Verification of Building Performance (Fundamentals & Applications)	Measurement and Verification of Building Performance (Intermediate Knowledge and Application)	Measurement and Verification of Building Performance (Intermediate Knowledge and Application)	Measurement and Verification of Building Performance (Intermediate Knowledge and Application)	Measurement and Verification of Building Performance (Intermediate Knowledge and Application)
BPI National Standards & Project Specifications (Fundamentals & Application)	BPI National Standards & Project Specifications (Intermediate Knowledge and Application)	BPI National Standards & Project Specifications (Intermediate Knowledge and Application)	BPI National Standards & Project Specifications (Intermediate Knowledge and Application)	BPI National Standards & Project Specifications (Intermediate Knowledge and Application)
Analyzing Building Systems (Fundamentals)	Optimizing Building Envelopes and their interaction with Building Systems (Intermediate Knowledge and Applications)	Optimizing Manufactured Housing Systems and their interaction with Building Systems (Intermediate Knowledge and Applications)	Optimizing Heating Systems and their interaction with Building Systems (Intermediate Knowledge and Applications)	Optimizing A/C & Heat Pump Systems and their interaction with Building Systems (Intermediate Knowledge and Applications)
Professional Ethics, Conduct & Communications (Fundamentals)	Professional Ethics, Conduct & Communications (Fundamentals)	Professional Ethics, Conduct & Communications (Fundamentals)	Professional Ethics, Conduct & Communications (Fundamentals)	Professional Ethics, Conduct & Communications (Fundamentals)

Building Analyst Professional Certification Examination Specification

This certification is intended for those individuals who conduct building performance audits, including measurement and verification services with related building analysis. Individuals may also specify, sell, and coordinate and/or install certain building performance work.

This certification covers the following knowledge areas which is expanded on in the current BPI Knowledge and Skills Area for Testing, which is being replaced by the Knowledge Essential Task List (KETL) and the BPI National Standards.

Knowledge Area	Written	Field
Building Science (Fundamentals)	15%	10%
Buildings and their Systems (Fundamentals)	15%	20%
Measurement & Verification of Building Performance (Fundamentals/Application)	20%	40%
BPI National Standards and Project Specifications (Fundamentals/Application)	25%	30%
Analyzing Building Systems (Fundamentals/Application)	20%	0%
Professional Ethics, Conduct and Communications (Fundamentals)	5%	10%

PATHS TO EARN BPI BUILDING ANALYST PROFESSIONAL CERTIFICATION

BPI Building Analyst Professional 100 Question Written Examination plus BPI Building Analyst Professional Field Examination equals BPI Certified Building Analyst Professional	HERS Certification plus BPI Building Analyst Professional 50 Question Written Examination plus BPI Building Analyst Professional Field Examination Equals BPI Certified Building Analyst Professional
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Written Examination		Field Examination	
X	Open book using only written BPI National Standards	X	Open book using any non-electronic references
X	70% passing score required	X	70% passing score required
X	100 question written examination as illustrated	X	Hands on field practical examination required for all individuals attempting certification or recertification
X	50 question written examination as illustrated		
X	2 hour time limit for 100 question examination	X	1.5 hour time limit on practical examination
X	1.5 hour time limit for 50 question examination		
X	Recertification required every three years		
X	HERS certified individuals may earn the BPI Building Analyst Professional certification by passing the 50 question BPI written exam and the BPI field examination, with acceptable proof of HERS certification.		
X	This certification may be attempted directly without earning other BPI Certifications		