

Rooftop Quality Assurance

Course information

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Course Description

Rooftop Quality Assurance (RTQA) is an 8.0-hour course for professionals interested in performing observation services to ensure the roof installation is consistent with construction documents and ownership requirements. The program includes thorough overviews of the major roof system assemblies that the professional observer will encounter when performing rooftop quality assurance services for ownership/design groups. The course includes in-depth descriptions of the observer's roles and responsibilities for proven success in the field. RTQA is designed to cover all aspects of the rooftop quality assurance process, including differing roof installation conditions, and resolving issues that arise during construction and renovation. The course is ideal for roofing material manufacturers, general contractors, quality assurance observers, architectural and engineering field techs, and field inspectors.

Knowledge Level: Intermediate

Core Competency: Roofing

Course Learning Objectives

1. Discuss potential pitfalls, and strategies to avoid potential pitfalls during the installation process, for each of the major roof system types. Expected outcomes include recognizing regional application installation procedures in differing locations.
2. Explain installation and repair methods consistent with project-specific roof systems and assemblies.
3. Identify the most appropriate, major roof system components and subsequent roof selection recommended for systems located in varying geographical locations.
4. Outline mitigation strategies for common problems and deficiencies in roof systems and roof system installations. Develop an understanding of common problems inherent in each system and recognize roof installation deficiencies in a timely manner. This understanding then translates into effective discussions with the contractor team to resolve important issues for clients and stakeholders.

Continuing Education Logos and Statements



This course has been approved for 8.0 IIBEC Continuing Education Hours

This course has been approved for 8.0 AIA LU|HSW

AIA CES Provider statement

IIBEC is a registered provider of AIA-approved continuing education under Provider Number G024. All registered AIA CES Providers must comply with the AIA Standards for Continuing Education Programs. Any questions or concerns about this provider or this learning program may be sent to AIA CES (cessupport@aia.org or (800) AIA 3837, Option 3). This learning program is registered with AIA CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product. AIA continuing education credit has been reviewed and approved by AIA CES. Learners must complete the entire learning program to receive continuing education credit. AIA continuing education Learning Units earned upon completion of this course will be reported to AIA CES for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon request.

Course Components

In addition to the course presentations, registrants are provided access to the virtual course materials in LearnUpon- IIBEC's Online Learning Platform- providing access to the following:

- Notetaking Outline: A notetaking outline is available in LearnUpon for registrants to download prior to the start of the course.
- Rapid Recap: Access and download this helpful document that provides references, key takeaways, and questions to check for understanding of concepts.
- Summative Assessment: Test your knowledge with optional self-assessment questions that include answers and explanations!
- Course Evaluation & Attestation Survey: Available at the conclusion of the course.
- Certificate of Completion: After completing the course evaluation survey, registrants are able to download a Certificate of Completion.
Individuals seeking to claim IIBEC CEHs will need to upload their Certificate of Completion to their IIBEC portal.