



TRAINING THAT DEVELOPS
REAL CAPABILITY



**Certified Measurement & Verification
Professional (CMVP)**

EE007

Certified Measurement & Verification Professional (CMVP)

Awarded by AEE, this training event is being delivered by the Association of Energy Engineers (Irish Chapter) and the event is organized by SQT on their behalf.

Overview

Measurement and Verification is fundamental to understanding whether investments made to achieve energy performance improvement and/ or carbon reductions have been successful or otherwise and have delivered the intended improvements. The results of measurements and verifications are used by governments and other organization's to demonstrate conformity to their own sustainability objectives.

Over the years many Measurement and Verification protocols have been developed, originating with the North American Measurement and Verification Protocol, leading to many different iterations of this initial document to the point where many countries and utility companies have their own M&V approaches and protocols, and ASHRAE has its own guideline document and ISO, the International Standards Organisation has its own published standard in this area ISO 50015.

The training event serves to strip back the mystery around measurement and verification and explains the fundamental principles that run through all M&V approaches. We examine the main protocols in existence relating to M&V and assist individuals to develop the knowledge and skills required to deliver appropriate measurement and verification plans for all energy improvement activities undertaken.

Duration & Price

Duration: 3 days

Public Virtual Training: £1,090 + £525 fees

Delivery mode: This programme is available In-Company, and via Public Virtual Training

Dates & Locations

Date

25 - 27 Nov 2024

17 - 19 Feb 2025

19 - 21 May 2025

Venue

Virtual

Virtua

Virtual

[Book Date](#)

[Book Date](#)

[Book Date](#)

In-Company Training

Please [contact us](#) for more information on our In-Company training options

Who should participate?

Attendee Benefits

In addition to the knowledge gained from the seminar, attendees will receive the following benefits:

- Printed copies of the seminar presentations

What will I learn?

The training will be delivered by Ian Boylan, CEM, CEA, CMVP, and AEE approved instructor and will include topics such as;

- Fundamental Concepts
- Contextual Considerations
- Fundamental Performance Measurement Approaches
- Basic Concepts in Statistics
- Defining a Baseline and incorporating Routine and Non-Routine adjustments
- Whole Facility Approaches
- Retrofit Isolation
- Planning
- Metering Considerations
- Reporting
- Practical implementation examples of M&V

What are the entry requirements?

CMVP® Exam and certification

The CMVP training course is delivered by Ian Boylan over a three day period. The examination is undertaken online with AEE examination partners ProctorU.

The examination questions are based on concepts and experiences, basic to measurement and verification.

The exam is open book, and all questions are multiple choices. A minimum pass rate of 70% on the examination is required.

Those seeking the CMVP designation must meet the following requirements (in addition to passing the exam):

- Current Certified Energy Manager (CEM®) awarded by AEE
or
- Have a Science, Engineering or Architect, Business, Law, Finance or related university degree or Chartered Engineer or Registered Architect plus three years of verified relevant experience in energy; buildings or facilities management; or Measurement & Verification.
or
- Have a four-year non-technical degree in a field not specified above plus five years of verified relevant experience in energy; buildings or facilities management; or Measurement & Verification
or
- Have a two-year technical degree (Level 6 NFQ) plus five years of verified relevant experience in energy; buildings or facilities management; or Measurement & Verification
or
- Have ten years of verified relevant experience in energy; buildings or facilities management; or Measurement & Verification.

If all eligibility requirements are met and a passing exam score is achieved, AEE will grant the CMVP certification.

*****Note: Participants who do not meet one of the previous prerequisites may apply for the [CMVP-in-training designation](#).***

Applicants that do not receive CMVP Certification status can request that their applications be resubmitted by the CMVP Board, if during the six-year period following the training course their exam score, education, or experience level changes.

How will I be assessed?

Examination will be by means of a 4 hour open book examination, conducted online by the AEE examinations partner Proctor-U, and meet the required academic and practical qualifications

Delegates complete 100 questions. Required pass mark is 70%

Requirements include:

1. Good internet connection
2. Laptop or home computer
3. Webcam
4. Need to have administrator rights on laptop or PC to allow proctor company ability to set up software on computer for during exam (will be uninstalled afterwards)

Further information relating to remote proctoring will be provided during the course and additional information can be accessed [here](#). **All candidates must review this information prior to the examination**

Programme accreditation

Training and Certification Programmes

The Association of Energy Engineers, (AEE), has established the Certified Measurement and Verification Professional, CMVP® program with the dual purpose of recognizing the most qualified professionals in this growing area of the energy industry, and raising the overall professional standards within the measurement and verification field.

The right to use the CMVP® title is granted to those who demonstrate proficiency in the M&V field by passing a 4-hour written exam and meet the required academic and practical qualifications. The CMVP® certification level training is offered as preparation for the exam, and as a review of basic principles for experts.

Tutors



Ian Boylan
[View Profile](#)

What Our Learners Say

We believe in excellence through transparency and continuous improvement. That's why we invite all our delegates to share their experiences on [CourseCheck.com](https://www.coursecheck.com), an independent platform dedicated to genuine, unfiltered feedback. Learner insights help us not only to enhance our training programmes but also empower potential learners to make informed decisions. Click on the link below to read firsthand experiences and testimonials from past learners.



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TRAINING THAT DEVELOPS REAL CAPABILITY

SQT provide a unique combination of high quality, accredited, practical training delivered by leading industry experts and supported by the most up to date learning technology and tools

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