



Certified Energy Manager (CEM)

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 Course

 2 Dates available

 Certificate of Completion

 Virtual learning

 56 Lessons

 Available online

Seminar Number: PH-C11-CEM

Status: 18.10.2024. All current information can be found at <https://academy-ph.tuv.com/s/PH-C11-CEM>

Become a certified ISO 50001 Energy Management Manager with this in-depth course. Master the skills to develop, implement, and maintain ISO 50001-compliant energy management systems. Understand the crucial requirements of the Philippines' RA 11285 (EEC) Act and ensure your organization's compliance. Led by certified energy managers and auditors, this course aligns with both ISO 50001 and AEMAS standards, providing you with a globally recognized framework for:

- **Reduced energy costs:** Implement strategies to optimize energy use and lower operating expenses.
- **Improved environmental performance:** Minimize your organization's carbon footprint and contribute to sustainability goals.
- **Enhanced competitiveness:** Demonstrate your commitment to energy efficiency, which gains favor with customers and stakeholders.

Benefits

Benefits for Energy Management Trainees

1. **Sustainable Energy Management System Implementation:** Gain the skills to establish and implement a sustainable energy management system in compliance with RA 11285 and in preparation for ISO 50001.
2. **Professional Recognition:** Improve your professional standing with a certificate validated by the Department of Energy (DoE).
3. **Enhanced Employment Opportunities:** Open doors to new career prospects in the field of energy management.

Benefits for Businesses

1. **Systematic Energy Use:** Establish an energy management system to utilize energy more systematically and efficiently.
2. **Cost Savings and Economic Competitiveness:** Significantly reduce energy costs, enhancing economic competitiveness.
3. **Simplified ISO 50001 Integration:** Ease the application and integration of other quality systems like ISO 50001.
4. **Enhanced Corporate Image:** Improve your business's image as a sustainable and efficient entity.
5. **Competitive Edge:** Increase your competitive position nationwide with a certification recognized by the DoE.

Target group

- **Licensed Engineers:** Individuals with engineering credentials, meeting the DoE's standards for technical expertise and knowledge.
- **Professionals Above 21 Years of Age:** Candidates who are over 21 years old and possess proficiency in English, both oral and written, as per DoE DC 2022-03-0008.
- **Aspiring Energy Managers:** Individuals aiming to become future energy managers, seeking to develop their skills in sustainable energy management.
- **Professionals from Various Disciplines:** Open to professionals across all fields interested in acquiring energy management expertise.
- **Facility/Maintenance Managers or Engineers:** Professionals responsible for managing and maintaining facilities, looking to integrate energy-efficient practices.
- **Industry Personnel:** Individuals working in various industries who are interested in learning about energy management to enhance their operational processes.

Requirements

According to the Department of Energy (DoE) under DoE DC 2022-03-0008, the **trainees** who wish to participate in this course must possess the following requirements.

- Must be a licensed engineer, or a graduate of a four (4) year course or its equivalent with at least (3) of continuous hands-on experience in the installation, operation, and maintenance of energy consuming machines and equipment in facilities with energy consumption for Type 2 DE's.
- The certification of experience duration and field is proposed to be given by the respective organizations where the trainees belong. For independent professionals, certification may be issued from clients or organizations where the required activities were conducted.
- Age above 21 years of age and be able to communicate in English - oral and or written.

TRAINERS QUALIFICATIONS ON ENERGY MANAGEMENT

- Must be a holder of National Energy Management Trainer Certificate or a PRC licensed Energy Manager or Energy Auditor duly certified by the DOE;
- Must have a PRC license related to energy, power and associated technologies;
- Must have at least 2 years relevant industry experience within the last 5 years;
- Must be computer literate.

Training outline

- **Module 1:** Basic Awareness of Energy Management System (ISO 50001) or similar framework
- **Module 2:** Basic Awareness of Energy Audit based on ISO 50002 or similar framework
- **Module 3:** Industry Rules and Regulation Awareness (Review of RA 11285 Policy and Regulations)
- **Module 4:** Instruments and devices used in Energy Audit
- **Module 5:** Setting up Sustainable Energy Management
- **Module 6:** Energy Audit Processes
- **Module 7:** Importance and Application of Energy Audit

The assessment method that will be used for this training modules are the following:

- **Online exams** vary, including multiple choice, short answers, and oral exams for decision validation. They allow for engaging experiences through short quizzes and take-home assignments due before and at the start of the next session, respectively.
- **The final exam** is the main assessment, covering all topics in an in-person session.
- **Case studies** and scenario-based questions offer practical application of theory to real organizational problems, enhancing reasoning, problem-solving, and decision-making skills, and showing how learning applies in real situations.

Other information

Contact for Payment and Inquiries

- Should you have questions regarding payment or other matters, kindly reach out to us via email at academy@phl.tuv.com.

Additional Details

- The fees cover training materials and a certificate.
- A 12% VAT is included in the training fees.

Cancellation and Postponement Policy

- TÜV Rheinland Philippines, Inc. holds the authority to delay or cancel public courses. The following points provide further detail:
 - Unless a course is cancelled by TÜV Rheinland Philippines, training fees are non-refundable.

- Cancellations made five days or fewer before the scheduled training will not be eligible for a refund. The full training fee will be charged and invoiced.

Delegate Substitution

- If you are unable to attend the training, you may nominate a substitute delegate to attend in your place. Please ensure to inform us of the substitute delegate's name and title.

Event overview and booking

Book your desired date now directly online at <https://academy-ph.tuv.com/s/PH-C11-CEM> and benefit from these advantages:

- Fast booking process
- Personal customer account
- Simultaneous booking for several participants.

Alternatively, you can use the order form to order via fax or e-mail.

Order form Page 1/3

I HEREBY BINDING REGISTRATION FOR THE FOLLOWING SEMINAR:

Certified Energy Manager (CEM)

Seminar Number: PH-C11-CEM

Please choose an appointment you would like to book:

- 11/11/2024 - 11/29/2024**, | Event number: PH-C11-CEM-Certified Energy Manager (CEM)
€25,000.00 (Net price, plus VAT) €28,000.00 (Gross price, including VAT)
- 12/03/2024 - 12/20/2024**, | Event number: PH-C11-CEM-Certified Energy Manager (CEM)
€25,000.00 (Net price, plus VAT) €28,000.00 (Gross price, including VAT)

All further information about the dates can be found at <https://academy-ph.tuv.com/s/PH-C11-CEM>.

Please send us **all pages** of the form by fax or email to order the above seminar.

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Salutation:

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Participant information

I will participate in the seminar myself (contact details as indicated above)

The following person is to participate in the seminar:

Complete only if you are not attending yourself, but another person is.

Salutation:

First Name:

Last Name:

Email Address:

Phone number:

Date of birth (optional):

Place of birth (optional):

Payment method: Invoice

For consumers, the cancellation policy applies, which you can find under the attached terms and conditions.

I hereby accept the following general terms and conditions of the organizer (<https://academy-ph.tuv.com/terms>).

Location, date

Signature

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