



SEAS

Sustainable Energy Association of Singapore

Singapore Certified Energy Manager Programme - Professional Level POST COURSE SURVEY FOR E2I GRANT

Full Name _____ NRIC _____

Designation/Company _____

Email _____ Contact No _____

Please tick on the module/s you are taking the survey and answer for those that you have passed the examination/s. Please **tick (√)** on the box that best express your thoughts, rating from 1 to 5 where applicable. All questions for that module must be answered. Kindly duly sign on the last page after completing the survey.

Ratings: 1. Strongly Disagree 2. Disagree 3. Somewhat Agree 4. Agree 5. Strongly Agree

Air Conditioning and Mechanical Ventilation Systems (Core Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to understand the functions and components of the ACMV system					
2 Able to analyze energy performance characteristics of ACMV systems and be able to analyze the potential energy savings in ACMV systems					
3 Able to operate and maintain energy-efficient chilled water and air distribution systems, resulting in optimum ACMV system performance					
4 I am able to apply or have applied what I have learnt to my work					
5 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
6 There is an increase in the departments' productivity/other results after the course					
7 The training contributes to my company's productivity or business performance					
8 There is monetary incentive after completion of training and/or after demonstration of competency at workplace					
9 The training resulted in pay increment/promotion					
10 I would recommend this course to my colleagues					
11 The course met my expectations					

Additional Comments:

Signature/Date

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Energy Measurement and Appraisal (Core Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Equip me with the ability to discern which types of M&A to do internally and which to outsource					
2 Able to understand the principles of different instruments, accuracy ranges and calibration methods					
3 Able to understand the basic information about audit of industrial systems					
4 I have acquired hands-on experience in identifying energy saving opportunities					
5 I have acquired basic safety knowledge related to energy auditing work					
6 I am able to apply or have applied what I have learnt to my work					
7 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
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Energy Mangement and Economics (Core Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to develop an energy management system					
2 Able to develop energy policy, energy planning, procedure for evaluating performance of energy systems and energy performance review, documentation and communication processes					
3 Equip me with the ability to integrate energy management system into business practice					
4 Able to understand Singapore's energy market tariff structure to enable better evaluation of supply contracts for reducing energy costs					
5 Equip me with the ability to evaluate financial attractiveness of energy retrofit projects					
6 Able to understand the various energy performance contracting models					
7 I am able to apply or have applied what I have learnt to my work					
8 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
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Motor Driven Systems (Core Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to apply and translate basic engineering knowledge and know-how to industrial practice					
2 Able to identify components within driven systems that increase energy consumption and suggest improvements					
3 Able to apply simplified calculation methods to compute energy consumption and potential savings when using such systems					
4 I am able to apply or have applied what I have learnt to my work					
5 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
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Lighting Systems and Building Envelope (Elective Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to develop a 'single skin' concept for façade design to satisfy different issues arising from various types of curtain walls & their components					
2 Able to evaluate inputs of façade specialists and manage critical events during planning & installation					
3 Able to define and calculate the EETV and RETV of Wall, Roof & Fenestration of a building					
4 Able to introduce Daylighting design via physical and computer-simulations to meet requirements of Singapore standards, Green Mark & LEED					
5 Equip me with the ability to survey the existing lighting of a building with the use of a pre-designed template					
6 Able to analyse the current lighting components & devise possible changes & retrofits with state-of-the-art lighting products for greater energy-efficiency					
7 Able to evaluate the most appropriate new or retrofit solution based on initial course as well as life-cycle economics					
8 Equip me with the ability to integrate the above management practice into the business practice of clients and their own organisations					
9 I am able to apply or have applied what I have learnt to my work					
10 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
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Steam and Compressed Air Systems (Elective Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to understand the functions and components of compressed air and steam systems					
2 Able to analyse energy performance characteristics and identify potential energy saving opportunities in compressed air and steam systems					
3 Able to select heat recovery devices and analyse heat transfer performance					
4 Equip me with the ability to operate the above systems in an energy efficient manner					
5 I am able to apply or have applied what I have learnt to my work					
6 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
7 There is an increase in the departments' productivity/other results after the course					
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Combined Heat and Power Systems (Elective Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to understand the fundamental thermodynamic concepts behind CHP systems					
2 Able to analyze energy performance characteristics of CHP systems					
3 Equip me with the ability to identify and analyze energy savings opportunities and operate the system in an energy efficient manner					
4 Able to select and size CHP systems for an industrial set-up with different heat and power requirements					
5 Able to conduct feasibility and cost benefit analysis for a CHP proposal					
6 I am able to apply or have applied what I have learnt to my work					
7 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
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Energy Recovery and Reuse (Elective Module)

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	1	2	3	4	5
1 Able to apply pinch analysis methods to find targets for heat exchanger networks					
2 Able to apply pinch analysis methodology to design and evolve heat exchanger networks					
3 Able to discuss other energy recovery techniques for chemical and process industries					
4 Equip me with the ability to analyze and improve energy efficiency of chemical, thermal and related processes					
5 I am able to apply or have applied what I have learnt to my work					
6 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
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Integrated Design for Energy Efficiency (Elective Module)

Upon completing this course, I agree/disagree with the following *(Please tick accordingly)*

	1	2	3	4	5
1 Able to analyze the potential energy saving in industrial processes					
2 Able to understand and recognize industrial plants and systems energy performance characteristics, resource conservation and waste regeneration					
3 I am able to apply or have applied what I have learnt to my work					
4 The training helps in my career progression (better job performance/wider job scope/new job responsibilities)					
5 There is an increase in the departments' productivity/other results after the course					
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