26 - 28 June 2018 | 9am - 6pm| WWW.SEAS.ORG.SG

Steam & Compressed Air Systems

Singapore Certified Energy Manager Professional Course: Elective

Course Summary

Steam and compressed air systems consume significant energy in industrial plants. In addition, there are many opportunities to recover waste heat from various industrial processes. Therefore, energy efficient design and appropriate operation strategies for these systems have the potential to significantly reduce energy consumption in industrial facilities. Major topics discussed include the function of the various components in steam and compressed air systems, heat and mass transfer analysis, evaluation of system performance, potential for heat recovery, influence of different variables on energy optimization, energy efficient design, operation and control strategies, sustainable practices, selection and arrangement of heat recovery devices, operations and maintenance.

Course Outcome

- Understand the functions and components of compressed air and steam systems
- Analyse energy performance characteristics and identify potential energy saving opportunities in compressed air and steam systems
- Select heat recovery devices and analyse heat transfer performance
- Operate the above systems in an energy efficient manner

SEAS
Sustainable Energy Association of Singapore

26 - 28 June 2018
9am - 6pm
Singapore Sustainability Academy
180 Kitchener Road Level 6 Sky Park, #06-10
City Square Mall Singapore 208539

SEAS
Sustainable Energy Association of Singapore

Steam & Compressed Air Systems

Singapore Certified Energy Manager Professional Course: Elective

Program Outline

Steam Systems
•Boilers
•Optimizing steam systems

Compressed Air Systems
Design Considerations
•Energy Saving Measures

Waste Heat Recovery Systems
•Modes of Heat Transfer
•Heat Exchangers

Dr Lal Jayamaha

Speaker's Profile

Dr. Lal Jayamaha is the author of the book "Energy Efficient Building Systems" published by McGraw-Hill, USA and the founder of LJ Energy Pte Ltd which is one of the leading ESCOs in Singapore

Dr. Jahangeer K. Abdul Halim

Speaker's Profile

Dr. Jahangeer K. Abdul Halim graduated with a Master of Science (M.Sc.) in Mechanical Engineering from National University of Singapore in 1998. He was awarded a Research Scholarship by the National University of Singapore (NUS) in 1999 to undertake a research project on solar energy and was awarded a Master of Engineering (M.Eng.) degree in 2002.

Rates

Before Funding:	$963.00
After Funding:	$577.80

Fees are inclusive of GST

E2I funding is available to all Singaporean and PRs.
Interested participants are to register for full qualification of 4 cores & 2 electives to be eligible for funding
Optional Examination fees at $85.60

SEAS may cancel or reschedule a course at its discretion and will use reasonable efforts to notify delegates at least 5 working days in advance. In these circumstances, delegates will be offered an alternative date, an alternative location or a full refund of course fees paid. SEAS is not responsible for airline or accommodation costs incurred by delegate in the event a course is cancelled or re-scheduled.

Substitutions (name changes) are accepted at any time prior to the event without penalty, subject to the replacement delegate satisfying any

Call us at +65 6338 8578 to enquire **Email: training@seas.org.sg**

Registration Form

☐ Yes! I would like to register for this programme ☐ I am unable to attend but please put me on your mailing list

Participant's Details

1
Name (Dr/Mr/Ms/Mrs) Designation
Hp Email
NRIC

Participant's Details

2
Name (Dr/Mr/Ms/Mrs) Designation
Hp Email
NRIC

Billing Information

Company Name Contact Name
Company Address Email
Tel