WHAT OUR PARTICIPANTS SAY :

"A very fantastic course, look back before attend the course, I am zero in operating scrubber and after attending this course, I have confidence to operate the scrubber. Thanks for the instructor"

-Tan Chooi Kim, ASE Electronics (M) Sdn. Bhd.

"Trainer is well versed in the topic. The training was well structured and easy to understand with the theoretical and practical knowledge"

-Kamil Nordin bin Norzuhdy, TNB Janamanjung

"Overall the course is good as I have learned the system in details. Now I am capable to operate the system well and increase its efficiency"


'GET YOUR OPERATORS AND SUPERVISORS CERTIFIED THROUGH THE DOE CERTIFICATION PROGRAMME!'
INTRODUCTION

One of the main air pollution control system widely used in the industries in Malaysia for the control of gaseous pollutant is scrubber. The success operation of a scrubber is primarily in the hands of the operator. A knowledgeable and skilled operator, supervisor or engineer knows how to monitor the processes occurring in his scrubber, understands what factors affect the bag filter performance, knows what operational conditions are best for his scrubber and how to maintain them, knows how to respond to upset conditions, understands the social obligations and legal implications for non-compliance.

Successful operation of a scrubber is an integral part of the operation of a successful industry. A trained and skilled scrubber operator, supervisor or engineer is not anymore a luxury but rather a must-have to the industry. Good environmental performance not only portray positive corporate image, but avoid possibility of factory downtime and hefty monetary penalties due to legal actions from the environmental authority. EiMAS is providing a training program to train your scrubber operators, supervisor and engineer to be competent in operating scrubber particularly in conducting performance monitoring of the scrubber. The competent person will ensure that the scrubber is operating optimally.

This unique training course which focuses on hands-on approach is in fact the only one of its kind in Malaysia. A Certificate of Competency will be awarded to participants who successfully completes the course, passes the examination and submits a field training report.

OBJECTIVE:

To provide knowledge and skills in:
- Effective scrubber preventive maintenance and performance monitoring
- Proper scrubber operation to ensure smooth production
- Compliance to DOE legal requirement

COURSE CONTENTS

Day 1
- Introduction of Air Pollution Control System (APCS)
- Introduction to scrubber (various types of scrubber)
- Introduction to scrubber components
- DOE legal requirement

Day 2
- Scrubber Components (Hands-on training)
- Fan introduction

Day 3
- Operating instruction
- Preventive maintenance
- Performance monitoring & Record keeping as per DOE requirement

Day 4
- Hands-on performance monitoring
- Scrubber common operating problems and troubleshooting
- Case study
- Field training report preparation

Day 5
- Examination
- Presentation of Certificates of Attendance

COURSE METHODOLOGY

- Lectures
- Class assignment
- Hands on practical training using industry size scrubber at our Hands on Air Pollution Control Training Center.
- Group discussion

ABOUT THE TRAINER

Ir. A.K. Woo
Ir A.K. Woo is a Registered Professional Engineer with the Board of Engineers Malaysia and a Chartered Engineer with the Engineering Council of United Kingdom. He is also a Registered Asean Engineer. He is the Founder & Managing Director of MASTER JAYA Group of Companies (since 1983) and he has more than 30 years of practical industrial experience in Industrial Ventilation, Industrial Air Handling and Air Pollution Control in almost all types of processes and industries. He has presented numerous technical papers in Air Pollution Control to the Department of Environment Malaysia, various trade organizations and manufacturing & process industries and has conducted numerous training courses on Industrial Air Pollution Control to the industrial and Government sectors.

Serafin Woo Hooi Ling
Serafin Woo Hooi Ling holds a B. Eng. Hons Degree in Mechanical Engineering from University of Sheffield, UK and M. Sc. in Environmental Engineering from University Putra Malaysia. She has obtained extensive knowledge and practical experience in the industrial air pollution control industry over the past 15 years working in the industry in Malaysia & in the Asean countries. Her areas of expertise include training, consulting, designing, manufacturing, installation, testing & commissioning of bag filter dust collector, cyclones, scrubbers, oil mist filters, odour control system, local exhaust ventilation, ducting, chimneys & fans. She has conducted several seminars and training courses on Air Pollution Control for DOE officers and industries. With all the hands-on experience, Serafin managed to explain and present complex air pollution control knowledge with simple and easily understood methodologies. She has been closely collaborating with DOE & EiMAS on developing competency certification modules for the DOE’s officers and the industry. (Competency Serial No.: CEPBFO/5822 and CEPSO/5822)
**COURSE REGISTRATION FORM**

*The organizing committee has the right to reject incomplete application.*

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<td>Course For Certified Environmental Professional In Scrubber Operation (CePSO)</td>
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**A. APPLICANT INFORMATION**

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*Note: Min Qualification is SPM with 3 to 5 years experience (please submit certified true copy of the certificate).*

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**B. SPONSOR'S INFORMATION**

Self-sponsored | Company-sponsored | *To be filled in by company-sponsored only.*  

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**Type of Industry: (Tick one)**

Manufacturing: | Please specify |
Mining & Quarrying: | Please specify |
Consulting: | Please specify |
Others: | Specify |

Do you have an operating unit of scrubber at your working premise now? | Yes | No |

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Page 1 of 2
C. PAYMENT INFORMATION

17 Course Fee Amount: RM 40000

18 Payment Method:

Cheque: ☐ Cheque No: ____________________________

Bank Name: ____________________________

Bank Draft: ☐ and crossed 'A/C Payee only'

*Payment by cheque / bank draft should be made payable to "MASTER JAYA GREENTECH SDN. BHD."

*FULL PAYMENT must be settled 7 days before the course, otherwise participants will not be allowed to enter the course.

Official Stamp of Organization:

Date: ____________

Signature of sponsor:

Date: ____________

Signature of applicant:

TERMS & CONDITIONS

1 Fees are inclusive of programme materials and refreshments, lunch, and certificate.

2 PLEASE NOTE: FULL PAYMENT must be received 7 days before commencement of the course. Otherwise, participants will be not be allowed to enter the course. A receipt will be issued on payment.

3 The organizing committee reserves the right to cancel, postpone, or change the programme due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. Master Jaya or DOE EiMAS is not responsible for covering airfare, hotel, or other travel costs incurred by clients. The course fee will not be refunded, but can be credited to a future course.

4 The fee paid is not refundable. However, substitution of participant(s) will be permitted with approval by DOE EiMAS. In view of limited seats available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

5 Attachments:

a. Please refer course information in the training brochure or website at www.doe.gov.my/eimas for entry requirement. If the desired course has an entry requirement, please provide the indicated documents as attachment together with the form. All attachments must be CERTIFIED TRUE COPY.

b. Applications without the proper documents attached will be rejected.

6 You may send the completed application form via fax (03-8962 6211) or e-mail (training@masterjaya.com.my).

7 Proof of postage is not proof of receipt. We will not be responsible on any documents lost in transit.

THANK YOU