



CePBFO

COURSE FOR CERTIFIED ENVIRONMENTAL PROFESSIONAL IN BAG FILTERS OPERATION

Course Information

BIL	DATE	VENUE
1	25 Feb – 01 Mar 2013	Wisma Masterjaya 20, Jalan Taming 3 Taming Jaya Industrial Park 43000 Seri Kembangan SELANGOR DARUL EHSAN
2	08 – 12 Apr 2013	
3	03 – 07 June 2013	
4	01 – 05 July 2013	
5	30 Sept – 04 Oct 2013	
6	11 – 15 Nov 2013	
7	02 – 06 Dec 2013	

Course Fee : **RM4,000.00**
per person
(closing date : A month
before course)

- ✓ Seats Limited to 25 Participants Only!
- ✓ Course Registered With PSMB under SBL scheme!

Minimum requirement; Candidate must possess

- Diploma or Degree in Science or Engineering; or
- Certificates from polytechnic or SKM with level 2 with 1 year experience; or
- SPM with 3 – 5 years experience.

Who should attend;

- Industry personnel who have been given the task to **operate or supervise the operation of** bag filters on industrial premises

Payment should be made prior to attending the course!!



To ensure continued regulatory compliance, you need **COMPETENT PERSONS** to operate your Bag Filters;
'GET YOUR OPERATORS CERTIFIED THROUGH THE CERTIFICATION PROGRAMME OF THE ENVIRONMENT INSTITUTE OF MALAYSIA!'

Environment Institute of Malaysia (EIMAS)
Department of Environment, Ministry of Natural Resources and Environment
Universiti Kebangsaan Malaysia Campus, Locked Bag No. 24, 43600 UKM Bangi, Selangor, Malaysia.
Tel: +603-8926 1500 | Fax +603-8926 1700 | <http://www.doe.gov.my/eimas>

***The candidates may not be eligible to attend the course if the payment is not been made*

INTRODUCTION

COURSE FOR CERTIFIED PROFESSIONAL IN BAG FILTER OPERATION (CePBFO)

In order to assure continuous compliance with the emission standards, air pollution control systems need to be properly operated. **Proper operation and maintenance** is also a requirement under **Regulation 40** of the Clean Air Regulations, 1978. The key factor that ensures successful operation of bag filters is having a **trained operator** in charge of the operation and maintenance of the bag filters. The DOE is also in the process of regulating the competency of personnel qualified to maintain and operate control equipment as provided under section 51(1)(w) of the Environmental Quality Act 1974. Thus, there is a need for operators of bag filters and supervisors to become competent persons who are certified by the DOE.

Responsibility on **performance monitoring and preventive maintenance** of bag filters should be entrusted only to a skilled and trained operator. DOE is providing a training program to train your operators and supervisors to be competent in operating bag filters. The emission from bag filters which are properly operated and maintained will always be in compliance with the emission standards. Regulatory compliance means avoiding any embarrassment from unexpected **enforcement action** arising from non compliance. Therefore enroll your operators into this unique one of its kind **certification program** in Malaysia which focuses on **hands-on approach**. A Certificate of Competency will be awarded to participants who successfully completes the course, passes the examination and submits a field training report.

BENEFITS OF ATTENDING

This course would:

- ❖ Enable participants to acquire knowledge and develop skills on how to implement a systematic and effective preventive maintenance and performance monitoring procedure for bag filters that conforms with the DOE's latest requirement on **performance monitoring** of bag filters.
- ❖ Enable participants to be **certified and qualified** as a **competent person** to operate bag filters after complying with other requirements.
- ❖ Benefit the industry by minimizing the occurrence of breakdown of cyclones that may result in non compliance with emission standards.

OBJECTIVES

- ❖ To give hands-on training to the participants on how to conduct performance monitoring of bag filters.
- ❖ To develop skills of participants to properly operate bag filters to ensure compliance with the Clean Air Regulation, 1978.

COURSE METHODOLOGY

- ❖ Lectures / Discussion
- ❖ Courser Assignment
- ❖ Hands on training using industry size bag filters at our Training Providers' Hands on Air Pollution Control Training Centre

COURSE CONTENTS

Day 1

Introduction to Air Pollution Control System (APCS) and Bag Filter Dust Collector

(Class room lecture)

- ❖ Introduction to air pollution control equipment;
- ❖ Introduction to bag filter dust collector (shaker cleaning, pulse-jet cleaning and reverse air cleaning);
- ❖ Introduction to components of air pollution control system (hood and ducting);
- ❖ DOE Legal requirement;
- ❖ DOE Certification requirement.

Day 2

Dust Collector Component (Hands-on training)

- ❖ Introduction to bag filter dust collector key components.
- ❖ Bag filter dust collector key components
 - ◊ Key component 1 – Pulsing solenoid / diaphragm valve;
 - ◊ Key component 2 – Electronic timer controller;
 - ◊ Key component 3 – Pressure differential gauge;
 - ◊ Key component 4 – Compressed air filter regulator; and
 - ◊ Key component 5 – Filter bags and cages;
- ❖ Bag filter dust collector auxiliary equipment/instrumentation (pressure/temperature/level control).

Day 3

Dust Collector operation, preventive maintenance & troubleshooting procedure (Hands-on training)

- ❖ Dust Collector Operating, start up and shut down instruction;
- ❖ Dust Collector routine maintenance procedure;
- ❖ Record keeping and log book (Daily, weekly, monthly and annually); and
- ❖ Dust Collector common operating problems and troubleshooting.

Day 4

Dust Collector Performance Monitoring Requirement and Preventive Maintenance for Associated Fan (Hands-on training)

- ❖ Type & function of instruments used for dust collector performance monitoring;
- ❖ Dust Collector performance monitoring;
- ❖ Introduction to Fan;
- ❖ Fan operating, start up and shut down instruction;
- ❖ Fan routine maintenance procedure;
- ❖ Fan common operating problems and troubleshooting;
- ❖ Fan performance monitoring.

Day 5

Field Training Report and Examination

- ❖ Preparation of field training report;
- ❖ Exam;
- ❖ Closing Ceremony ;
- ❖ Presentation of Certificates of Attendance

ABOUT THE TRAINERS

Serafine Woo Hooi Ling

Master Degree of Environmental Engineering (M.Sc) – Universiti Putra Malaysia (Competent Serial No. : CePBFO/5822)

Jenn Woo Hooi Dean

Degree of Chemical Engineering (B. Eng Hons) – University of Birmingham, UK

ANY INQUIRIES PLEASE CALL:

Head of Certification Centre: Mrs. Rusnani Abdullah; ra@doe.gov.my or 03 89297619

Coordinators: (empty)

Registrations: (empty)

Examinations (for re-sits applicants) and Results: Mr. Wan Khairuldin Wan Ismail; khairuldin@doe.gov.my or 03 89297693

Field Training Report Submission: Mrs. Roslina Abdul Rahim; ina@doe.gov.my or 03 89297638

Finance Department: Mrs. Nur Fatimah Yusof; fatimah@doe.gov.my or 03 89297686



ENVIRONMENT INSTITUTE OF MALAYSIA

EiMAS

Phone : 03-8926 1500

Fax : 03-8926 1700

(Attn. : Sekretariat, Competency Centre)

FOR OFFICE USE ONLY

Applicant No:

Empty box for Applicant No.

COURSE APPLICATION FORM

*EiMAS has the right to reject incomplete application .

1. Course Title

2. Course Date

Course For Certified Environmental Professional In Bag Filters Operation (CePBFO)

Empty box for Course Date

A. APPLICANT INFORMATION

3. Name (Grid)

4. IC No. (Grid) 5. Age (Grid) years

6. Sex Male Female

7. Nationality Malaysian Others, please specify:

8. Mailing Address: (Grid)

City (Grid)

Postcode (Grid) State (Grid)

9. *Highest Qualification: SPM Certificate Diploma Sc / B Eng Master

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

10. Field of Study: Science; or Engineering Experiences of Work (Grid) years

11. Current Position: (Grid)

12. Contacts Tel No (O): H/Phone:

Fax No (O): E-mail:

B. SPONSOR'S INFORMATION

Self-sponsored Company-sponsored

*To be filled in by company-sponsored only If, company sponsored, do you need an invoice? YES / NO

13. Name of Company / Employer:

14. Company Address for Invoicing Purposes:

15. Contacts Tel No (O): Fax No. (O) :

Person in charge (Finance Department) : E-mail :

16. Type of Industry: (Tick one)

Manufacturing; Mining & Quarrying; Consulting; Others: Specify

C. PAYMENT INFORMATION

17. Course Fee Amount: RM

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0	0
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18. Payment Method: Telegraphic Transfer (TT) : Money Order : Bank Draft :
Cheque : Cheque No:

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* Payment by cheque / bank draft / postal order should be made payable to **PENGARAH INSTITUT ALAM SEKITAR MALAYSIA (EIMAS)** and **received before or on the day of the course registration.**

Official Stamp of Organization:

Date:

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Signature of sponsor

Date:

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Signature of applicant

TERMS & CONDITIONS

1. Fees are inclusive of programme materials and refreshments.
2. Payment Terms : Following completion and return of the registration form, full payment is required within five (5) days from the receipt of invoice. PLEASE NOTE : payment must be received prior to the course date. A receipt will be issued on payment. Due to limited course space, EiMAS advise early registration to avoid disappointment.
3. For any reason, EiMAS decides to cancel or postpone this course, 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. Course programme content is subject to change without notice.
4. Confirmation Details : After receiving payment, a receipt will be issued. If you do not received a letter outlining details, two (2) weeks prior to the event, please contact the course coordinator at EiMAS secretariat.
5. Attachments :
 - a. Please refer course information in the EiMAS 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. Payment Method :
 - a. EiMAS accept all kind of payment mentioned in the form. Payment should be make prior to the course. The candidates may not be eligible to attend the course if the payment is not been made.
7. You may send the completed application via facsimile or e-mail.
8. Proof of postage is not proof of receipt. EiMAS will not be responsible on any documents lost in transit.

THANK YOU