

REGISTRATION FORM



COMPANY / UNI NAME

ADDRESS

CITY / STATE / POSTCODE

CONTACT PERSON

CONTACT NUMBER

EMAIL ADDRESS

Details of Participant(s):

- | FULL NAME | DESIGNATION | I/C NUMBER |
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- | FULL NAME | DESIGNATION | I/C NUMBER |
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- | FULL NAME | DESIGNATION | I/C NUMBER |
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** Please complete the registration form and email or fax to us*

Training Fees:

RM 4,000 per person

Payment:

Via Cheque-

All cheques should be crossed "A/C Payee" and made payable to "HORIZON 3 SDN BHD"

Via Bank Transfer-

Bank: **MAYBANK**

A/C No.: **5147 5830 9640**

For more information:

HORIZON 3 SDN BHD (1137396-A)
No. 2, Perindustrian Suntrack,
Hub Perindustrian Suntrack,
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☎ +6019 - 988 0192 (Mr. Nazly)

✉ nazly@horizon3.my

🌐 www.horizon3.my

Our Partner:



**Asset
Efficiency
Optimization**
24th - 26th April 2017

TRAINING

Asset Efficiency Optimization - Introduction Level

COURSE DELIVERABLES

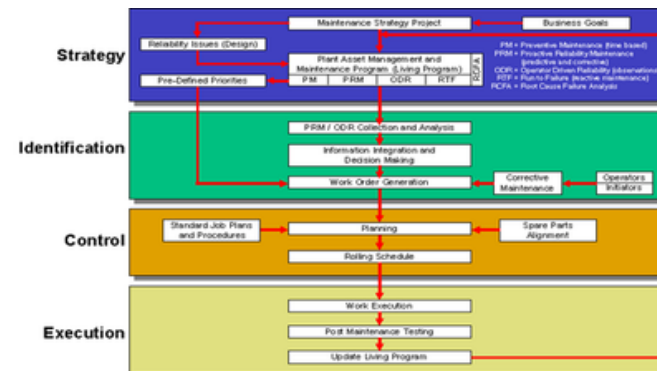
COURSE DESCRIPTION

Asset Efficiency Optimization (AEO) is one of the most well known approaches in Asset Management System (AMS). The training will follow and customized, to incorporate all AEO elements for the participants understanding on overview of how plant improvement is realistic and can be achieved using some of the techniques learned. At this moment, no tools or software will be used. However, there will be a one day RCM training included, which incorporated practical session using Microsoft Excel.

The objective is for the participants to have basic knowledge and skills to understand operations, maintenance and reliability program requirements, planning & scheduling, terms & definitions, training, and organizational resources to achieve those requirements within the constraints of life-cycle issues and cost. Upon completion, the students will understand the overview techniques in perform managing and supervising the necessary optimizing task/ maintenance works and resources.

- Reliability in Operations and Maintenance for Plant Performance and Optimization
 - Reliability Techniques
 - Computer Maintenance Management System (CMMS)
- Reliability Management
 - Strategic Management
 - Reliability Program Management
- Maintainability and Availability
- Condition Based Maintenance (CBM) – An Introduction
- Basic Asset Care (BEC) – An Introduction

The AEO work process and workflow shown in the below table. Notice elements of CBM, BEC and other AEO elements were described



COURSE TIMETABLE

- The training deliverable inclusive of:
 - Softcopy material (to be mail to Mimos)
 - Literature
 - Industries Standard and Best Practice
 - The client need to prepare the training facility together with its training support items (such as whiteboards, speaker system etc) and participants laptop for the practical session
- Tailored On Site Class, for up to 25 participants

- The Course Agenda is as following table
- 8.00 am to 5.00pm
- Lunch and refreshment will be provided by Mimos
- One-hour lunch break & two 15 minutes tea breaks

Day/ Date	Time	1600-1700	1530-1600	1400-1530	1300-1400	1200-1300	1100-1200	1030-1100	0930-1030	0830-0930
Day 1		Module 04(cont.): Maintenance Strategy Development and Review	Coffee Break	Module 04: Maintenance Strategy Development and Review	Lunch	Module 02: Risk Management as per ISO31000	Module 02: Risk Management as per ISO31000	Coffee Break	Module 01: Introduction to Asset Efficiency Optimization (AEO)	Module 01: Introduction to Asset Efficiency Optimization (AEO)
		Module 08: Planning and Scheduling	Coffee Break	Module 07: Level of Repairs and Spares Alignment	Lunch	Module 6: Business Intelligence & logics for plant performance	Module 6: Business Intelligence & logics for plant performance	Coffee Break	Module 05: Computer Maintenance Management System (CMMS)	Module 05: Computer Maintenance Management System (CMMS)
		Module 11: Proactive Maintenance	Coffee Break	Module 11: Lifetime Data Analysis	Lunch	Module 10: Root Cause Analysis - Methodology and Techniques	Module 10: Root Cause Analysis - Methodology and Techniques	Coffee Break	Module 09: Failure Reporting and Corrective Action System (FRACAS) - a close loop process	Module 09: Failure Reporting and Corrective Action System (FRACAS) - a close loop process
Day 2										
Day 3										

Who should attend? **DURATION - 3 DAYS**

Quality Performance
Planner Reliability Asset
Operations System Integrity
Maintenance SAFETY
Executive / Engineer / Manager / Specialist

COURSE OBJECTIVES

The overall objectives are to provide relevant information to improve the plant performance and optimization through various reliability and maintenance methodologies and techniques. The course will consist of theoretical and practical (90% vs 10% respectively) on the overview of operations and maintenance in the perspective of safety, integrity and reliability of the asset. At the completion of the course, participants will understand:

- Asset structure, system and subsystem tree, terms and terminology
- Risk management as per ISO31000
- Factors affecting the plant performance and optimization through reliability perspective
 - Computerized Maintenance Management System (CMMS), Quality/operating environment/ selection/ installation and maintenance practices.
- Ability to understand the reliability engineering and management for product life cycle management (from cradle to grave) looking at work flow and process
- Various types of reliability and maintenance strategy analysis and tools namely Reliability Centered Maintenance (RCM), Risk Based Inspection (RBI) and how these tools formed Business Intelligence logic in analyzing field data for plant performance and optimization
- Reactive, Preventive and Proactive – a mix match

PREREQUISITES

Participants should have an understanding of engineering background especially in the realm of operations and maintenance. Fundamental knowledge on maintenance task and strategy, work order as well as the ability to use computer software is also required for the practical session.