

REGISTRATION FORM

COMPANY / UNI NAME

ADDRESS

CITY / STATE / POSTCODE

CONTACT PERSON

CONTACT NUMBER

EMAIL ADDRESS

Details of Participant(s):

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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,
Off Jalan P1A,
Seksyen 13, Bandar Baru Bangi,
Kajang, 43000 Selangor

+603 - 7770 8130

+603 - 7770 8130

+6019 - 988 0192 (Mr. Nazly)

nazly@horizon3.my

www.horizon3.my

Our Partner:



MIMOS
SEMICONDUCTOR



Industrial Gas Turbines, Operation & Maintenance

10th - 12th July 2017

TRAINING

Who should attend?

DURATION - 3 DAYS

Reliability

Machinery

Maintenance

Rotating

Technicians / Engineers / Managers

OBJECTIVES

1. Understanding the fundamental of Industrial Gas Turbines.
2. Understand major components including auxiliaries
3. Classification of gas turbines, cycles
4. Understanding Failure Modes related to Gas Turbines
5. Develop risk base equipment strategies
6. Share experience on trouble shooting, failure analysis etc.

PREPARATIONS

1. Work related to Gas Turbines
2. Oil & Gas, power generation and other related industries

MINIMUM REQUIREMENTS

1. Work related to Gas Turbines
2. Oil & Gas, power generation and other related industries

THE INDUSTRY

Industrial Gas Turbines are widely used because of its simplicity and compactness compare to other type of prime mover. I have been working on this equipment for the last 25 years. It has been quite a journey and I am always glad to share insight from the operations and maintenance, performance and reliability perspective. From OEM operations & maintenance manuals, until the maintenance strategy review in optimizing maintenance and spares, understanding failure modes and effects, and many more, these are some of the topics covered during the course. I also hope the participants can also share their experiences and current issues to discuss.

The session outline will contain the following:

- A) Introduction
 1. Gas Turbine Fundamentals
 2. History of Industrial Gas Turbines
 3. Major components
 4. Classification
 5. Auxiliaries
- B) Industrial Gas Turbines
 1. Aero-derivatives
 2. Light Industrial
 3. Heavy Duty
- C) Risk Base GT Strategies
 1. Failure Modes
 2. Risk Matrix
 3. Mitigation Task
- D) Beresford Nasir's Law
 1. Air, Oil, Fuel
 2. Strategies
- E) Case Studies
- F) Feedback

Trainer's Profile

Name:

Nasir Hasnan, CEng MIMechE

Education:

#Heriot-Watt University
Edinburgh, Scotland, UK
(BEng, Mechanical Engineering)
July 1988

Certifications:

:#Chartered Engineer, IMechE

Professional Experience:

#Mechanical Engineer (Woodard Textile Sdn Bhd)
1988-90

#Commissioning Engineer (Antah Biwater JV) 1990-93

#Machinery Engineer (ExxonMobil Exploration and Production Inc.)
1993-2005

#Reliability Engineer (Petronas Gas Berhad) 2005-07

#Rotating Equipment Engineering Specialist (RasGas, Qatar)
2007-11

#Gas Turbine Engineer (Saudi Aramco, KSA) 2011 till now.