

Talk on Gas Turbine Technology for Oil & Gas Industry

(Organised by Oil, Gas & Mining Technical Division, IEM)

Date : 23rd November 2017 (Thursday)
Time : 5.30pm to 7.30pm (*Refreshments will be served at 5.00pm*)
Venue : TUS and C&S Lecture Room, 2nd Floor Wisma IEM, PJ
Speaker : Ir. Siva Kumaran Chidambaram

BEM Approved CPD/PDP Hours: 2
Ref. No. : IEM17/HQ/460/T

SYNOPSIS

Synopsis

Gas Turbines are most probably the least understood modern engines in the industry. It is far more technologically advanced than its nearest competitor which is reciprocating engine, engineering development in late 20 century made gas turbines commercialized or produced for non-aviation industry namely Oil and Gas applications. This course will provide technical and **commercial** insights on the how Gas Turbines can be utilized in the industry namely Oil and Gas, Petrochemical with technical basic knowledge in aspects of design, procurement, fabrication, inspection, testing, pre-commissioning, startup commissioning and operation & maintenance.

Suitable for Rotating Equipment Engineers, Plant Control Engineers, Mechanical Engineers, Package Engineers, Operations Technicians & Engineers, Plant Managers who wants to know about non-OEM centric views about the above topics

BIODATA OF SPEAKER

Ir. Siva Kumaran has around 19 years working experience in the Oil and Gas industry and his skills include Rotating Equipment Engineering with specialization in Rotordynamics, Aerodynamics, Process Control and Automation, Thermodynamics. He spent 7 years in petrochemical downstream and the balance years in upstream. Worked as vendor, consultant & contractor and operators. Actively involved in turnaround and predictive & schedule maintenance at early part of my career, later in design, procurement, fabrication and commissioning start up and reliability run phase under projects. Projects completed in Shell as Rotating Equipment Engineer namely F29 Subsea, F14 well head platform tie back to compressions, B11K-A compression platforms, KTB Switchback deepwater, Gumusut phase 1 Final phase deepwater design reviews, and start up commissioning offshore. Worked also as Design CSR, Yard Resident Engineer, Offshore Start Up lead, Offshore Commissioning roles. Project CAPEX circa USD300mil. Extensive experience on Process Controls on Rotating Equipment, Gas Turbine start up issues. Exposed on H2S compressors in incoloy, such as B11 project range 3500ppm 20% CO₂, with compressor controls suitable for Twister Dehydration Facilities. For Gumusut Deepwater, optimisation of CCC Series 5 Controllers Parameters which has 10 control loops for process reasons, 3 stage compression with 2 parallel trains CCC's most control loops project. Hand-on aero derivative gas turbine, compressor and pumps. He obtained his Bachelor of Engineering (Hons) and MBA at University Malaya in 1997 and 2005 respectively.

Ir. Mohd Azwira Mohd Azmi
Chairman
Oil, Gas and Mining Technical Division

ANNOUNCEMENT TO NOTE

Effective 1st October 2017

FEES FOR TALKS

Members:

Registration Fee : FOC

Administrative Fee:

Online : RM15.00

Walk-In : RM20.00

Non-Members

Registration Fee : RM50.00

Administrative Fee: RM20.00

Limited seats are available on a "first come first served" basis (maximum 100 participants).

**To secure your seat, kindly
REGISTER ONLINE at
www.myiem.org.my**

PERSONAL DATA PROTECTION ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data