



TALK ON “HANDLING SAND ISSUES IN THE UPSTREAM OIL & GAS PRODUCTION”

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

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM16/HQ/244/T

Date : 18 August 2016 (Thursday)
 Time : 5.30 pm to 7.30 pm (Refreshments will be served at 5.00pm)
 Venue : TUS and C&S Lecture Rooms, 2nd Floor, Wisma IEM, Petaling Jaya
 Speaker : Ir. Dr. Eow John Son

SYNOPSIS

The presence of sands and solids in wellhead production lines are likely to cause erosion and blockage issues in the subsequent downstream equipment at oil & gas production platforms. As a consequence, dangerous incidents, such as the failures of flowlines, production vessels and control valves, have a higher risk of occurring. Moreover, oily sands discharged into the sea are also an environmental concern.

The objective of the Talk is to introduce the participants to the sand removal technologies, such as wellhead de-sanders, produced water desanding hydrocyclones, sand fluidizers, and sand cleaning systems, which are commonly used in the upstream oil & gas production platforms. Moreover, these sand removal and cleaning systems need to be designed and operated correctly to ensure optimized separation performance.

BIODATA OFSPEAKER

Ir. Dr. Eow John Son is Principal Engineer & Trainer with EDES Technology Sdn Bhd. He is also a Professional Engineer (BEM), and a Chartered Engineer (Engineering Council, UK). He obtained his PhD (in electrostatic water-oil separation) from the UK, and has published many technical papers in international journals and conferences. Having spent many years in multinational companies, and having worked in the UK, Singapore, Japan and Malaysia, John is well-versed in the oil & gas processes and production technologies, such as Wellhead Desander, Produced Water Treatment, Sand Separation & Management, Crude Oil Treatment, and Gas Processing for the upstream oil & gas Industry. He has worked from Technical and Commercial Proposal Stage to Detailed Engineering Stage to Commissioning Stage to Production Troubleshooting for oil & gas processes. John has conducted technical training and consultancy work for engineers and operators at Saudi Aramco, PETRONAS, Sarawak SHELL, GAIL India, etc. He is also an Assistant Professor at Universiti Tunku Abdul Rahman (UTAR).

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

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- **IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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