

Talk on

"Setting up a structural steel fabrication Service Centre towards industry 4.0"

Organised by the Mechanical Engineering Technical Division, IEM

Date : 20th December 2017 (Wednesday)
Time : 5.30 pm – 7.30 pm (*Refreshments will be served at 5.00 pm*)
Venue : C&S and TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya, Selangor
Speaker : Ir. Tong Seng Won

**BEM Approved CPD/PDP:
Applying**

SYNOPSIS

There has been much talks, discussion, and seminars being organised by government and private agencies on Industry 4.0 in Malaysia. MITI who spearhead the transformation of the Industries is now taking the lead to collaborate with various government agencies and industry player to formulate the National blue print of Industry 4.0. According to the timeline presented in a Seminar by MITI that The National Policy of Industry 4.0 is schedule to be tabled to cabinet by the 4Q of this year.

Many has claimed that the many SME is not aware of the Industry 4.0 and even MITI found that some SME in Malaysia has not yet mastered the third industrial revolution – electronics, IT and automated production. CH Yodoform Sdn. Bhd. is a medium size company whose business is in manufacturing cold roll formed steel section is embracing Industry 4.0 by setting up a structural steel fabrication line.

The company has invested a beam line which consists of fully automated CNC beam drilling machine, band saw cutting machine and a full material transportation system. This line is also equipped with short blasting and primer coating line which has mechanised process that conventionally being done by manual process.

The most important part of embracing Industry 4.0 is by installing a Product Life Cycle (PLM) software which enable them to carry out parts management, planning, project management and production management over networking. The whole system is capable to Integrate, Manage, Launch and Analyse steel fabrication activities. It will than interfacing with ERP system and which is one of the most important element of Industry 4.0.

This company is sharing the experience of setting up a facility that featuring Industry 4.0. Demonstrating how Industry 4.0 is possible to be adopted and showing also the important element to be installed to enable them to embark on Industry 4.0.

BIODATA OF SPEAKER

Ir. Tong Seng Won, a Malaysian aged 54, is the Group Engineering & Manufacturing Director of Ann Yak Siong Hardware Sdn. Bhd. He graduated with a Bachelor of Engineering in Mechanical and Master of Engineering in Manufacturing from University Malaya in 1994. He is a Professional Engineer in Mechanical registered with the Board of Engineers Malaysia and Grade 2 Steam Engineer registered with the Department of Occupational Safety and Health Malaysia. He started his career with Anshin Steel Industries Sdn Bhd in 1988 as a mechanical Engineer and in 1994 he joined Hitachi Plant Construction as an Assistant Project Manager in charging of the project for the construction of beam and section mill in Gurun. In 1995, he joined Petropipe Sdn Bhd as Deputy General Manager and subsequently he worked as an expatriate for setting up a few rolling mills and steel plants in Iran from 2003 to 2010. In 2011, he joined an aluminium smelting plant in Sarawak and in 2013, he joined Perwaja Steel Industries Sdn Bhd as a Chief Operating Officer. In 2016, he resigned from Perwaja Steel Industries Sdn Bhd. With his 25 years of working experience in the steel industry involving upstream and downstream processes, he then joined AYSH as Group Engineering & Manufacturing Director and is responsible for improvement, expansion and development of manufacturing and engineering facilities of the Group. Steel Structure Fabrication Line is currently one of the main project under the development and this project is design and constructed under concept of Industry 4.0.

Ir. Loo Chee Kin
Chairman,
Mechanical Engineering Technical Division, IEM

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee : FOC
Administrative Fee :

Online RM15
Walk In RM20

Non-Members

Registration Fee : RM50
Administrative Fee : RM20

- 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**

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