

# INDUSTRIAL SPOTLIGHT

Facility managers are multi-tasking. Join this CPD event to hear industrial leaders say about Energy Efficient Hydrogen Fuel Cells and Safety by Design. Taking away these practical knowledge and apply in your portfolio.

## Session 1 : Energy Efficient Hydrogen Fuel Cells

Fuel cells generate electrical power quietly and efficiently, without pollution. Unlike power sources that use fossil fuels, the by-products from an operating fuel cell are heat and water. If the fuel cell is powered with pure hydrogen, it has the potential to be up to 85-percent efficient. That is, it converts 80 percent of the energy content of the hydrogen into electrical energy. The fuel cell will produce electricity as long as fuel (hydrogen) is supplied, never losing its charge. But how does it do this?

In 2003, President Bush announced a program called the Hydrogen Fuel Initiative (HFI) during his State of the Union Address. This initiative, supported by legislation in the Energy Policy Act of 2005 (EPACT 2005) and the Advanced Energy Initiative of 2006, aims to develop hydrogen, fuel cell and infrastructure technologies to make fuel-cell vehicles practical and cost-effective by 2020. The United States has dedicated more than one billion dollars to fuel cell research and development so far. So where are we in Hong Kong now?

In this session, Simon will take us a quick look at how a hydrogen fuel cell function and illustrative case of how this environmental technology applies in a data center operations in Hong Kong.

### SPEAKER:

**Mr. Simon SHUM**, Sales Director, Netsphere Solution Limited

## Session 2 : Safety by Design

Maintenance for the building and its facilities is of the utmost importance to upkeep the good condition and the whole value of the premise, however, the maintenance work becomes uneasy and even unfeasible as the idea of maintainability has not been taken as a core element in the design and planning for the new development. This seminar will show you the interrelationship between building design and maintainability, and its influences to project management, business and work safety.

### SPEAKERS :

**Mr. Isaac CHEUNG**, General Manager & Director, Shun Hing Electronic Trading Co. Ltd

- 20 plus-year experience in sales & marketing and project management
- Honorable Professional Group Advisors of Academy of Professional Certification
- Member of Hong Kong Institute of Project Management

**Ms. Jonnie LEUNG**, Safety Manager, Shun Hing Electronic Trading Co. Ltd.

- 10 plus-year experience in occupational safety and health
- Registered Safety Officer
- Register Safety Auditor

### PROGRAM :

19:00 - 19:45 Session 1 : Energy Efficient Hydrogen Fuel Cells by *Mr. Simon SHUM, Sales Director, Netsphere Solution Limited*

19:45 - 20:30 Session 2 : Safety by Design by *Mr. Isaac CHEUNG, General Manager & Director, Shun Hing Electronic Trading Co Ltd and Ms. Jonnie LEUNG, Safety Manager, Shun Hing Electronic Trading Co Ltd*

**DATE :** Tuesday, January 10, 2017

**TIME :** 19:00 - 20:30

**VENUE :** UR3, 8/F United Centre, SCOPE Admiralty Learning Centre, 95 Queensway, Admiralty, Hong Kong

**CPD :** 1.5 hours

**LANGUAGE:** Cantonese

### ENQUIRY :

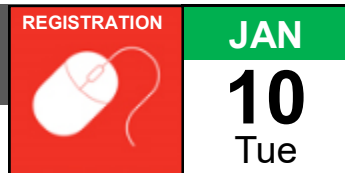
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