

# Electrical and Mechanical Safety & Energy Efficiency - A Better Future for All

Kowloon Shangri-La Hong Kong

28 - 29 January 2008



## Background

A better future for all lies in our collective effort to strive towards a sustainable development. The Electrical and Mechanical Services Department (EMSD) of the Hong Kong Special Administrative Region Government aims at shaping a greener and safer environment for all through promoting and implementing ongoing energy efficiency as well as safety management. The "Symposium on Electrical and Mechanical Safety & Energy Efficiency - A Better Future for All" organized by EMSD to be held on 28 - 29 January 2008 will address issues on electrical, mechanical and gas safety as well as the efficient use of energy. The EMSD endeavors to contribute to our better future by ensuring that E&M and energy technologies are harnessed in a safe and environment-friendly manner. Target audiences include local, mainland and overseas professionals from government departments, consulting firms, academics, trade associations, green groups and any other interested parties.

## Purposes of the Symposium

- To gather foremost stakeholders to address concerned issues and to strive towards a sustainable growth, in connection with economic, advancement and environmental conservation, through energy management and electrical, mechanical and gas safety.
- To provide a multi-dimensional platform for policy makers, professional engineers, energy managers, business decision-makers, academics and internationally renowned experts to have an in-depth knowledge sharing and a stimulating exchange on the subjects of electrical and mechanical safety and energy efficiency.
- To grasp a better comprehension and improve cooperation among all the concerned parties through sharing ideas and views on the issues of electrical, mechanical and gas safety, energy efficiency and alternative energy.

## The Programme

It will be a one-and-a-half day event comprising a keynote session, a concurrent session with three distinct themes and a plenary session.

### Day 1 (28 January 2008 13:00 - 17:00)

#### Welcome Address

- Ir HO Kwong-wai, JP, Director of Electrical and Mechanical Services, HKSAR Government

#### Opening Address

- Mr Edward YAU Tang-wah, JP, Secretary for the Environment, HKSAR Government

#### Keynote Session

##### The External Costs of Energy Related Activities

- Dr Cary BLOYD, Energy and Environmental Policy Scientist, Argonne National Laboratory, USA and Chair of APEC EG on NRE

##### Challenges in Assuring Electrical Product Safety within the EU

- Ir Jan DECONINCK, Chairman, The Product Safety Enforcement Forum of Europe

##### Recent Developments and Regulatory Changes in the UK Distribution Network

- Mr Richard HADDON, President, Institution of Gas Engineers & Managers

##### Energy Efficiency Related to Lifts / Escalators

- Mr Charles CJ KIM, Convenor, Energy Group of TC178

### Day 2 Parallel Session (29 January 2008 08:45 - 12:15)

Session Theme	A Safe and Enjoyable Life	Sustaining Electrical Safety and Reliability for a Better Tomorrow	Gas - An Energy Source of Growing Importance
Session Chairman	Ir Edmund KH LEUNG, OBE, JP, Council Member, Institution of Mechanical Engineers	Ir Joseph LEUNG Chi-ming, Chairman, Electricity Safety Advisory Committee	Ir James KWAN, JP, Past President, The Hong Kong Institution of Engineers
	<b>Session Keynote: Human Factors of Ropeway Incidents</b> <ul style="list-style-type: none"> <li>• Prof Gabor OPLATKA, Past President, Honorary Member, The International Organization for the Study of the Endurance of Wire Ropes of the International Organization for Transportation by Cables</li> </ul>	<b>Session Keynote: A Green and Sustainable Approach for Electric Power Development</b> <ul style="list-style-type: none"> <li>• Ir Paul WY POON, Director - Power Systems, CLP Power Hong Kong Limited</li> </ul>	<b>Session Keynote: Liquefaction of Coal-Bed Methane For Commercial Use</b> <ul style="list-style-type: none"> <li>• Ir Stephen TAM, General Manager - Production, The Hong Kong and China Gas Company Limited</li> </ul>
	<b>"REGEN" - Elevator Utilizing Regenerative Power</b> <ul style="list-style-type: none"> <li>• Mr Liyuan CHENG, Vice President, Xizi Otis Elevator Co., Ltd.</li> </ul>	<b>Session Keynote: 22kV High Voltage Power Supply System</b> <ul style="list-style-type: none"> <li>• Ir Geoffrey CHAN, Chief Construction and Maintenance Engineer, The Hongkong Electric Co., Ltd.</li> </ul>	<b>Construction of the First Liquefied Natural Gas (LNG) Ship in Mainland China</b> <ul style="list-style-type: none"> <li>• Mr XU Guoyao, Principal Engineer, Director, LNG Engineering Team, Hudong-Zhonghua Shipbuilding (Group) Co., Ltd.</li> </ul>
	<b>Maintenance and Ongoing Upgrading of Lifts during Their Life Cycle to Ensure Safety</b> <ul style="list-style-type: none"> <li>• Mr Ian TODKILL, Technical Advisor, The Lift and Escalator Contractors Association, Hong Kong</li> </ul>	<b>Impact of the New IEE Wiring Regulations (17th Edition)</b> <ul style="list-style-type: none"> <li>• Mr Geoff CRONSHAW, Chief Engineer, Standards and Compliance, Institution of Engineering and Technology</li> </ul>	<b>Energy Efficiency and Safety Measures in Gas Industry</b> <ul style="list-style-type: none"> <li>• Prof JIN Zhigang, Tianjin University</li> </ul>
	<b>Modern Design of Funicular System</b> <ul style="list-style-type: none"> <li>• Mr Niklaus MOSER, Project Manager, Doppelmayr/Garaventa</li> </ul>	<b>Safety Regulation of Electricity in South China</b> <ul style="list-style-type: none"> <li>• Mr TONG Guangyi, Director, Division of Safety, South China Bureau of State Electricity Regulatory Commission of China</li> </ul>	<b>Natural Gas Vehicles in Asia - Latest Developments</b> <ul style="list-style-type: none"> <li>• Ms Brenda SMITH, Asia Pacific NGV Association</li> </ul>
	<b>Floating in the Sky with Helium</b> <ul style="list-style-type: none"> <li>• Mr Gary WONG, Electrical &amp; Mechanical Engineer, Electrical and Mechanical Services Department, HKSAR Government</li> </ul>	<b>Adopting the New Cable Colour Code - A Concerted Effort between the Trade and the Government</b> <ul style="list-style-type: none"> <li>• Mr Eric PANG and Mr YH CHAN, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government</li> </ul>	<b>Gas Safety Analysis by Use of Computational Fluid Dynamic (CFD) Modelling Techniques</b> <ul style="list-style-type: none"> <li>• Dr Andrew WALTON, Environmental Resources Management</li> </ul>
	<b>Feasibility Study of Gas Fuelled Buses and Heavy Duty Vehicles in Hong Kong</b> <ul style="list-style-type: none"> <li>• Mr Richard CHAN, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government</li> </ul>		
	<b>Lunch Speech: Engineering a Green Future</b> <ul style="list-style-type: none"> <li>• Ir Dr LO Wai-kwok, MH, JP, President, The Hong Kong Institution of Engineers</li> </ul>		

Organiser



Sponsors



## Day 2 Plenary Session (29 January 2008 13:45 – 17:15)

Session Theme	Building a Sustainable Energy City
Session Chairman	Assistant Director / Energy Efficiency, Electrical and Mechanical Services Department, HKSAR Government
	<p><b>Session Keynote: Energy Issues in Hong Kong</b></p> <ul style="list-style-type: none"> <li>• Ir Edmund KH LEUNG, OBE, JP, Chairman, Energy Advisory Committee, HKSAR Government</li> </ul>
	<p><b>Energy Efficiency in the APEC Region: A Focus on Power and Transport Sectors</b></p> <ul style="list-style-type: none"> <li>• Dr Yonghun JUNG, Vice President, Asia Pacific Energy Research Centre</li> </ul>
	<p><b>Measuring Changes in Economy-wide Energy Efficiency</b></p> <ul style="list-style-type: none"> <li>• Dr ANG Beng Wah, Professor, Department of Industrial and Systems Engineering, National University of Singapore</li> </ul>
	<p><b>Past, Present and Future Development of the Regulation on Energy Efficiency Labelling in Mainland China</b></p> <ul style="list-style-type: none"> <li>• Ms LI Aixian, Director of National Standardization Technical Committee for Energy Basis and Management; Sub-Institute Director, China National Institute of Standardization</li> </ul>
	<p><b>Mandatory Energy Efficiency Labelling Scheme in Hong Kong</b></p> <ul style="list-style-type: none"> <li>• Ir Wong Lap-chi, Senior Engineer, Electrical and Mechanical Services Department, HKSAR Government</li> </ul>
	<p><b>Closing Remarks</b></p> <ul style="list-style-type: none"> <li>• Mr Stephen, CHAN Hung-cheung, Deputy Director / Regulatory Services, Electrical and Mechanical Services Department, HKSAR Government</li> </ul>

The programme details are subject to change without further notice

<b>Date &amp; Time</b>	28 January 2008 (Monday) 13:00 – 17:00 (Light refreshment will be served at 12:30)	29 January 2008 (Tuesday) 08:45 – 17:15
<b>Venue</b>	Kowloon Shangri-La Hotel, 64 Mody Road, Tsimshatsui East, Kowloon, Hong Kong	
<b>Language</b>	English / Putonghua Simultaneous interpretation (SI) will be provided between English and Putonghua in the Keynote Session and Plenary Session on 28 and 29 January 2008 respectively.	
<b>Registration fee</b>	HK\$1,500 including: • 1-1/2-day Symposium • Symposium proceedings • Tea breaks & lunch	
<b>Registration &amp; Payment</b>	<ul style="list-style-type: none"> <li>• Complete the Registration form and fax it to (852) 2776 1617 for reservation</li> <li>• Cheque payment should be made payable to "HKSAR Government" and sent to Ms Olivia Poon, Symposium Secretariat, Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong, within 2 weeks after reservation has been made.</li> </ul>	
<b>Registration Deadline</b>	18 January 2008	
<b>Symposium Secretariat</b>	For further information, please contact Ms April Li [Tel: (852) 2788 5097; email: april@hkpc.org] or Ms Olivia Poon [Tel: (852) 2788 6180; oliviapoon@hkpc.org].	

To: Ms Olivia Poon, Symposium Secretariat [Fax No.: (852) 2776 1617]  
Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong

### Symposium on Electrical and Mechanical Safety & Energy Efficiency - A Better Future for All 28 – 29 January 2008

#### Registration Form

Name \_\_\_\_\_ Position \_\_\_\_\_ Organisation \_\_\_\_\_

Correspondence Address \_\_\_\_\_

Email Address \_\_\_\_\_ Tel \_\_\_\_\_ Fax \_\_\_\_\_

#### Selection of Day 2 Morning Session (Please indicate your preference)

A Safe and Enjoyable Life  Sustaining Electrical Safety and Reliability for a Better Tomorrow  Gas - An Energy Source of Growing Importance

#### Contact Person (if any)

Name \_\_\_\_\_ E-mail \_\_\_\_\_ Tel \_\_\_\_\_ Fax \_\_\_\_\_

#### Important

1. Cheques should be crossed and made payable to "HKSAR Government" and are subject to bank clearance.
2. **Registration fee is not refundable** unless the Symposium Secretariat is notified in writing of your withdrawal on or before 18 January 2008. A handling charge of HK\$200 will be levied.
3. An applicant may, subject to approval from the Organiser, nominate a substitute to attend the Symposium on his/her behalf.
4. Successful applicants will be notified by email or fax.

If you do NOT wish to receive any promotional materials in future, please tick the box, complete your details and fax this page to (852) 2776 1617.

Company Name \_\_\_\_\_ Name \_\_\_\_\_ Tel \_\_\_\_\_ Fax \_\_\_\_\_