ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

ACES one-day Seminar on Submissions to Authorities (EMA, IDA, PUB, SCDF, SP PowerGrid, SP Services) for M&E Engineers

Date: 28 February 2014 (Friday)
Time: 9.00 am to 5.15 pm
Venue: LT301, NTU@one-north Campus, 11, Slim Barracks Rise, Singapore 138664
CPD Points: PDUs pending

<table>
<thead>
<tr>
<th>ACES Member:</th>
<th>$150/pax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Member:</td>
<td>$200/pax</td>
</tr>
</tbody>
</table>

REGISTER BY 21 Feb 2014

Seats are limited; registration is on a ‘first come first served’ basis.
<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
<th>Organisation</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.30 – 9.00 am</td>
<td></td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.00 – 10.00 am</td>
<td>60 mins</td>
<td><strong>Infocomm Development Authority of Singapore (IDA)</strong></td>
<td>IDA’s Code of Practice for Info-communication Facilities in Buildings (COPIF)</td>
<td>Mr. Tan Huay San Manager Interconnection &amp; Access IDA</td>
</tr>
<tr>
<td>10.00 – 10.20 am</td>
<td>20 mins</td>
<td></td>
<td></td>
<td>Tea Break</td>
</tr>
<tr>
<td>10.20 – 11.20 pm</td>
<td>60 mins</td>
<td><strong>Energy Market Authority (EMA)</strong></td>
<td>Electricity Act and Licensing Requirement</td>
<td>Seow Zhi Wei, Principal Engineer</td>
</tr>
<tr>
<td>11.20 – 12.20 pm</td>
<td>60 mins</td>
<td><strong>SP Services Ltd</strong></td>
<td>Procedure on Electrical Installation Inspection, Testing &amp; Turn On for Residential Project</td>
<td>Mr. Tan Chong Poh Senior Principal Engineer</td>
</tr>
<tr>
<td>12.20 – 1.20 pm</td>
<td>60 mins</td>
<td></td>
<td></td>
<td>Lunch Break</td>
</tr>
<tr>
<td>1.20 – 2.20 pm</td>
<td>60 mins</td>
<td><strong>Singapore Civil Defence Force (SCDF)</strong></td>
<td>Improving of quality of plan submissions / Common mistakes made by QPs</td>
<td>MAJ Tan Chung Yee Plans &amp; Fees Verification Team Leader, Fire Safety Plans Branch Fire Safety and Shelter Department</td>
</tr>
<tr>
<td>2.20 – 3.55 pm</td>
<td>20 mins</td>
<td><strong>PUB</strong></td>
<td>Changes in Submission Process</td>
<td>Max Wong (WSU), Senior Engineer</td>
</tr>
<tr>
<td></td>
<td>15 mins</td>
<td></td>
<td>Pipes for Sewerage Use</td>
<td>Christian Budiman Senior Engineer</td>
</tr>
<tr>
<td></td>
<td>40 mins</td>
<td></td>
<td>Code of Practice on Surface Water Drainage and DC Checklist</td>
<td>Dorinda Hua (CW), Principal Engineer</td>
</tr>
<tr>
<td></td>
<td>20 mins</td>
<td></td>
<td>General Submission Requirements</td>
<td>Marwin Suhaimi (WSN) Engineer</td>
</tr>
<tr>
<td>3.55 – 4.15 pm</td>
<td>20 mins</td>
<td></td>
<td></td>
<td>Tea Break</td>
</tr>
<tr>
<td>4.15 – 5.15 pm</td>
<td>60 mins</td>
<td><strong>SP PowerGrid</strong></td>
<td>Electricity connection application &amp; Basic substation planning and submission</td>
<td>Tan Tian Hee Principal Engineer II Distribution Planning</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Power turn-on requirements and procedures</td>
<td>Yeo Cheng Hee Principal Engineer I Customer Projects East</td>
</tr>
</tbody>
</table>
1. IDA’s Code of Practice for Info-communication Facilities in Buildings (COPIF)

Speaker’s profile

Mr Tan completed his study in the Royal Melbourne Institution of Technology ("RMIT") in Australia and obtained the degree of Bachelor of Electrical Engineering (Honours). Upon completing his studies in RMIT, Mr Tan joined the Housing & Development Board ("HDB") in 1997, StarHub Limited ("StarHub") in 2001 and the Infocomm Development Authority of Singapore ("IDA") in 2003. Mr Tan currently holds the appointment of manager (Interconnection and Access) in IDA under the Policy and Competition Development Group.

Synopsis of topic presentation

Providing advice to project consultants, professional engineers and architects for the deployment of telecommunication infrastructure within building development, ensuring that building developments are provided with the necessary space and facilities in accordance with IDA’s code of practice for info-communication facilities in buildings, and ensuring that telecommunication licensees comply with the relevant policies and guidelines from IDA and to facilitate cases of dispute between telecommunication licensees and developers or building owners.

2. EMA: Electricity Act and Licensing Requirement

Speaker’s profile

Seow Zhi Wei is a Principal Engineer at the Energy Market Authority. Prior to his current appointment, he was a senior electrical engineer with PUB involved in the design, installation, testing and commissioning of high voltage and low voltage equipment for water treatment plants. He has delivered talks to hundreds of licensed electrical workers (LEW) on the key highlights in the Electricity Act and the new cable colour code requirements during the LEW refresher courses.

Synopsis of topic presentation

The electricity industry is governed by the Electricity Act (Cap. 89A) and the regulations made thereunder. The Electricity (Electrical Installations) Regulations made under the Electricity Act (Cap. 89A) stipulates the electricity supply application procedures in the electricity market regime, the requirements for electrical installations and high voltage electrical work, and the licensing of electrical and supply installations. Licensing of electrical workers comes under the Electricity Act (Cap. 89A) and the Electricity (Electrical Workers) Regulations. This talk aims to give participants an overview of the Electricity Act (Cap. 89A), the Electricity (Electrical Workers) Regulations and the Electricity (Electrical Installations) Regulations.
3. SP Services Limited:  
Procedure on Electrical Installation Inspection, Testing & Turn On for Residential Project

Speaker's profile  
Tan Chong Poh is a Senior Principal Engineer with SP Services Limited (SPS). His working experiences include maintenance & operations, commissioning of 6.6kV & 22kV substations of distribution system; planning & design of electrification schemes for provision of electricity supply and inspection & testing of electrical installations based on CP5 and other relevant Regulations and Code of Practices. He is also a Registered Professional Engineer with the Singapore Professional Engineers Board and is one of the presenters to present on "Common non-compliances in Electrical Installation" during the LEW refresher course.

Synopsis of topic presentation  
1) Submission of Application of Electricity Supply for  
Ø Direct Connection Load up to 45 kVA  
Ø Direct Connection Load more than 45 kVA  
Ø Indirect Connection Load up to 45 kVA  
Ø Indirect Connection Load more than 45 kVA  
Ø New EHT & HT consumers who wish to be contestable at time of turn-on

2) Electrical Installation Inspection & Testing for  
Ø Small Electrical Installation  
Ø Large Domestic Electrical Installation  
Ø Pre-turn-on of HDB Residential Units  
Ø Bulk Replacement of Meter Boards  
Ø Private Residential Development

4. SCDF: Improving of quality of plan submissions / Common mistakes made by QPs

Speaker:  
MAJ Tan Chung Yee  
Plans & Fees Verification Team Leader, Fire Safety Plans Branch  
Fire Safety and Shelter Department, Singapore Civil Defence Force

Synopsis of topic presentation  
The presentation provides information on some of the common mistakes made in plan/waiver submissions as well as the good practice observed in submissions. The presentation will provide an overview of Plan approval process by SCDF. With the good practice and minimal mistakes made in submissions, it will help to prevent any delay in approval process.
5. PUB: Water Supply, Sewerage and Drainage Services Submission Requirements

Speaker 1:
Max Wong (WSU), Senior Engineer
Presentation will provide the latest information on the changes in submission processes.

Speaker 2:
Christian Budim Senior Engineer
Presentation will provide the latest information with regards to Pipes for Sewerage use.

Speaker 3:
Dorinda Hua (CW), Principal Engineer
Presentation will provide an overview on Code of Practice on Surface Water Drainage and DC Checklist.

Speaker 4:
Marwin Suhaimi (WSN) Engineer
Presentation will provide the latest information on General Submission Requirements.

6. SP PowerGrid:

Speaker 1:
Tan Tian Hee, Principal Engineer II, Distribution Planning

Presentation will provide an overview and the latest information with regards to the Electricity connection application & Basic substation planning.

Speaker 2:
Mr. Yeo Cheng Hee, Principal Engineer I, Customer Projects East

Presentation will provide the latest information on Power turn on requirements and procedures.
# REGISTRATION FORM

For further information, please contact Ms Lilian Lean or Ms Jennifer Quek  
Tel: 63242682    Email: secretariat@aces.org.sg

ACES one-day Seminar on Submissions to Authorities (EMA, IDA, PUB, SCDF, SP PowerGrid, SP Services) for M&E Engineers  
**28 Feb 2014, 9.00 am to 5.15 pm**  
Closing date for Registration: **21 Feb 2014**

<table>
<thead>
<tr>
<th>S/N</th>
<th>Name</th>
<th>Designation</th>
<th>ACES Member (PE No.)</th>
<th>Non-Member (PE No.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Company:**

**Address:**

<table>
<thead>
<tr>
<th>Contact Person*</th>
<th>Tel. No.</th>
<th>Email*</th>
</tr>
</thead>
</table>

Please complete the required information marked * for confirmation purpose  
Payment mode: Cheque to be made payable to:  
“Association of Consulting Engineers Singapore”  
Cheque No. / Amount: _____________________  
Mail to address: Thomson Road Post Office, P O Box 034, Singapore 915702