



SIA/IES/NEA/PUB

jointly presents

Seminar on Procedures, Requirements and Good Practices for Building Plans on Environmental Matters

PROGRAMME DETAILS	
Date	: 03 May 2012, Thursday
Venue	: York Hotel, Carlton Hall Level 2 21 Mount Elizabeth, Singapore 228516
Time	: 1.30PM - 5.30PM
Seminar fees	: \$75.00 (SIA/IES Members), \$120.00 (BOA/CIJC Members), \$170.00 (Non-Member)
<ul style="list-style-type: none"> • All seminar fees are inclusive of GST. • Seminar will include seminar materials and light refreshment. 	

1.00pm	Registration
1.30pm	Welcome Remarks by Singapore Institute of Architects and Director (Central Building Plan Department) of NEA.
1.50pm	Regulations on Construction Noise and Control Measures <i>Mr. Khairul Sani Samsudin</i> - Executive Engineer, Pollution Control Department of NEA
2.10pm	Latest Environmental Health(EH) Requirement and Common EH Issues & Mistakes at Building Plan stage <i>Mr. Mohammed Zaid Mohamed Ishak</i> – Environmental Health Executive, Environmental Health Department of NEA
2.30pm	Requirements and Criteria for submission of CCTV inspection report for public sewer, and common sewerage issues and omissions at Building Plan stage <i>Mr. Christian Budiman</i> - Engineer, Water Reclamation Network Department of PUB
2.50pm	Requirements and good practice guideline for mechanical equipment (air conditioning/ mechanical ventilation equipment, standby generator, etc) <i>Mr. Long Han Boon</i> - Executive Engineer, Central Building Plan Department of NEA
3.10pm	Question & Answer
3.30pm	Tea Break
4.00pm	Latest Requirements in the Code of Practice on Surface Water Drainage and common drainage issues and mistakes at Building Plan Stage <i>Ms. Dorinda Hua</i> - Senior Manager, Catchment & Waterways Department of PUB
4.20pm	Flood Barrier Systems – The Works Involved & Experiences <i>Mr. Jwee Quek</i> – General Manager, Parafoil
4.40pm	Question & Answer
5.30pm	End

BOA-SIA CPD Accreditation: **5 points**

PEB PDU Accreditation: **3 points**

1st Topic: “Regulations on Construction Noise and Control Measures” by Mr. Khairul Sani Samsudin - Executive Engineer, Pollution Control Department of National Environment Agency

Synopsis

Singapore will continue to urbanise, developments will get nearer to each other and expectations of our population for a quality living environment will increase. Amid such circumstances, effective control and management of noise pollution from construction projects will require a change in the way construction noise is controlled. This session will share with the participants the regulatory controls, profile of construction noise complaints, new regulatory controls on construction noise, and highlight some best practices to control noise from construction activities.

CV

Mr Khairul Sani B Samsudin joined the then Ministry of the Environment in 1993 and has worked in the Engineering Services Department and Sewerage Department. In charge of wastewater and solid waste management Khairul is currently with the Pollution Control Department of NEA and is in charge of formulating policies to control construction noise. He also leads a team to enforce the regulatory requirements. He obtained his Bachelor's Degree in Mechanical and Production Engineering from the Nanyang Technological University in 1993.

2nd Topic: “Latest Environmental Health(EH) Requirement and Common EH Issues & Mistakes at Building Plan (BP) stage” by Mr. Mohammed Zaid Mohamed Ishak – Environmental Health Executive, Environmental Health Department of National Environment Agency

Synopsis

This lecture will cover the common EH issues as well as the mistakes at the BP stage. The speaker will also share briefly the requirements in the Code of Practice on Environmental Health which is being jointly reviewed by SIA, IES and ACES. In addition, he will update QPs on the latest EH procedure on compliance with the sanitary provision for developments with public toilet facilities at TOP stage.

CV

Mr. Mohamed Zaid obtained his Bachelor's Degree in Materials Engineering from Nanyang Technological University in 2004. He has been with the National Environment Agency for 7 years since 2005. He is currently working in the Environmental Health Department and is in charge of handling environmental health issues at Building Plan stage.

3rd Topic: “Requirements and Criteria for submission of CCTV inspection report for public sewer, and common sewerage issues and omissions at Building Plan (BP) Stage” by Mr. Christian Budiman - Engineer, Water Reclamation Network Department of Public Utilities Board

Synopsis

Pre- and post-construction CCTV of public sewers is necessary to safeguard the sewerage system from being damaged by construction works. The requirement is not new but not well understood by the industry. The speaker will cover the requirement for the submission of the CCTV inspection reports as well as the criteria for assessing the need for CCTV submission. In the second part of the presentation, the speaker will cover some common sewerage issues and mistakes spotted at BP stage.

CV

Mr. Christian obtained his Bachelor's in Engineering (Mechanical), Honours - Nanyang Technological University, 2009. He is currently working in the Water Reclamation Network Department of PUB. He is in charge of Development and Building Plan Control ensuring that sanitary and sewerage works are carried out in accordance to the Code of Practice. In addition, he leads a team to ensure the public sewerage infrastructure is protected.

4th Topic: “Requirements and Good Practice Guidelines for Mechanical Equipment (air conditioning/mechanical ventilation equipment, standby generator, etc)” By Mr. Long Han Boon - Executive Engineer, Central Building Plan Department of National Environment Agency

Synopsis

The speaker will share the submission procedures & requirements as well as good practice guidelines to minimise noise, fumes and heat nuisance impact posed by mechanical equipment to the surrounding developments.

CV

After graduating from the Nanyang Technological University with a Bachelors Degree in Mechanical and Production Engineering in 1989, Mr Long Han Boon joined then Ministry of the Environment. He has worked in the Waste Management Department, Sewerage Department, and Planning Department. He is currently working in the Central Building Plan Department of NEA. He is in charge of Building Plan Control and TOP/CSC Clearance.

5th Topic: “Latest Requirements in the Code of Practice on Surface Water Drainage and common drainage issues and mistakes at Building Plan(BP) stage” By Ms. Dorinda Hua - Senior Manager, Catchment & Waterways Department of Public Utilities Board

Synopsis

The speaker will share the requirements in the Code of Practice on Surface Water Drainage, in particular the drainage requirements for Temporary Occupation Permit. The presentation will also cover some common issues and mistakes at BP stage.

CV

Ms. Dorinda Hua graduated with a Degree in Civil Engineering from the National University of Singapore(NUS) in 1991. She obtained a post graduate diploma in Knowledge Engineering from NUS in 2006. She joined the then Ministry of the Environment in 1991 and has worked in the Water Reclamation Department, Best Sourcing Department and the Catchment and Waterways Departments. Dorinda is currently overseeing the drainage submissions for development proposals in the Eastern Catchment of Singapore, including drainage master planning.

6th Topic: “Flood Barrier Systems – The Works Involved & Experiences” By Mr. Jwee Quek – General Manager, Parafoil Design & Engineering Pte Ltd

Introduction of company and inventor

Meeting NEA/PUB & building regulatory requirements

Meeting building owner/consultants requirements: Purpose for installing flood barriers – regulatory requirements or threat of flood waters (experienced or potential)

Considerations for implementation of flood barriers for buildings:

Types of buildings:	Shopping Malls, Conservation buildings, Condominiums, Private Residences, MRT Stations, etc.
Budget	Securing approval and budget. Time factor.
Practicability	Ease of operation
Manpower	Sufficiency of manpower to operate system during potential flood Normal duties of security personnel outside building's operating hours
Aesthetics	Obscuring system. Blending with existing building design
Structural	Restriction posed by existing structures
Time / Schedule	Speed of design, manufacturing, installation
Support	24-hour on-call
Safety	To occupiers & general public
Approval by Authorities	Compliance to approved standards eg. PAS 1188
Projects completed	Liat Towers, King's 8 Development, I12 at Katong, Soho Life at 216 Joo Chiat, Palais Renaissance, Forum Galleria, Tanglin Mall
Potential Projects	MRT Stations, Lucky Plaza, etc

CV

Mr. Jwee Quek have more than 27 years of experience in Engineered Smoke Control & Natural Ventilation Systems. In 2010, he researched, designed and invented a unique flood barrier system which is patent-pending. He has since been actively involved with implementing flood barrier systems for buildings in Singapore.

Registration Form

PROGRAMME DETAILS

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Date : 03 May 2012, Thursday
Venue : York Hotel, Carlton Hall Level 2
21 Mount Elizabeth, Singapore 228516
Time : 1.30PM - 5.30PM (Registration starts at 1.00pm)
CPD/PDU : 5 CPD points, 3 PDU points
Seminar fees : \$75.00 (SIA/IES Members), \$120.00 (BOA/CIJC Members), \$170.00 (Non-Member)

- All seminar fees are inclusive of GST.
- Seminar will include seminar materials and light refreshment.

Please fax / email the completed registration form to Ms Jacey Tay :

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

And follow up with cheque / cash payment to Singapore Institute of Architects by **26 April 2012**

Please tick your payment mode:

[] By Cheque

Bank/Chq # : _____ Amt S\$: _____

Local Cheque (must be drawn in Singapore) should be crossed and made payable to "Singapore Institute of Architects".

[] By Cash

You can drop by the SIA office to make cash payment between 9.30am – 5.30pm on weekdays.

SIA office:

Singapore Institute of Architects

79B Neil Road, Singapore 088904

Please indicate your name, company/institution and seminar date/title on the back of the cheque.

Participant Detail

Name of Participant: _____
(as per NRIC / FIN)

NRIC / FIN #: _____

Organization: _____

Designation: _____

Receipt Mail to: _____ S ()

Tel: _____

Fax: _____

Email: _____

HP: _____

Pls indicate: [] SIA member,

SIA M'ship #: _____

BOA #: _____

[] IES member,

IES M'ship #: _____

PE #: _____ (if applicable)

[] BOA registered,

BOA #: _____

[] CIJC member,

Organization: _____

[] Non member

Contact Person Detail (if different from participant)

Contact Person: _____

Designation: _____

Tel: _____

Fax: _____

Email: _____

Registration will be on a First-Come-First-Served basis and will be accepted upon receipt of registration form and payment to SIA. Registration by fax will only be confirmed upon receipt of payment.

Registration Confirmation No.:-

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Cheque payment for this activity should not be combined with payment for other SIA events/courses.

Fees paid are non-refundable under all circumstances. Replacement of participant will be allowed only if written notification is made at least 3 days before the event.

Where a Non-Member replaces a Member (must be from the same Org.) the fee difference will have to be made good to SIA prior to the event.