

Singapore Concrete Institute (SCI) Activities 2009

SCI has a long history in organizing various conferences, seminars, talks and networking event. Publishing books, newsletters and other relevant series are among the routine practices of SCI over the time.

SCI activities in this year highlighted as follows:

SCI Talks and seminars:

In April 2009, SCI invited Prof Dhir from UK Concrete society to give talk on “Bringing down the Citadels: Challenges of Fit for Purpose Concrete”. The event attracted over 100 participants from various companies.

As common practice to organize a joint seminar with various companies, SCI held an event with Proceq Asia Pte Ltd on 14 October 2009 on NDT test of concrete structures. SCI President Oh Lock Soon delivered a technical note on NDT, followed by product demonstration by Proceq Asia Pte Ltd





SCI networking night

SCI holds several networking event through the year. Last two SCI networking nights in Penny Black on 13 August 2009 and 22 October 2009 were generously sponsored by WAK Technologies Pte Ltd and BASF South East Asia Pte Ltd respectively. Both events were very successful and more than 50 to 70 delegates joined these events.



SCI AGM meeting

SCI annual general meeting is organized once a year to select new board of directors for SCI. 31st AGM was organized on 28 April 2009 at NUSS SUNTEC CITY GUILD HOUSE. SCI President, Treasurer and Secretary reported the achievements of SCI during 2008-2009 tenure on that night.



SCI Accreditation Schemes

Waterproofing Accreditation Scheme

Singapore Concrete Institute's Accreditation Scheme for Waterproofing Specialist Contractors was launched in September 2004. The aim of this scheme is to ensure minimum competency and raise the capability of waterproofing specialist contractors serving the construction industry in the longer term. It also provides recognition to contractors who are committed to deliver quality works. This scheme is managed by the Singapore Concrete Institute (SCI) as part of the effort to promote greater self-regulation by the industry.

The accreditation criteria were developed jointly by the SCI and Building and Construction Authority (BCA) with inputs from Waterproofing specialists and the Waterproofing Trade Association. Real Estate Developers' Association of Singapore (REDAS) had given their support on the scheme and would encourage its members to specify the use of accredited contractors for their projects.

Accreditation Grading And Accreditation Process

There are three categories of grading under the accreditation; they are W1, W2 and W3. Waterproofing specialist contractors will be assessed using the accreditation criteria during the accreditation audit. Subsequently, the accredited contractors will be assessed annually for compliance in order to retain their grading.

Accreditation Criteria

The accreditation criteria are based on three main areas. They are:

- Financial & Track Records
- Human Resources
- In-house Quality Management System

Benefits of Accreditation

The benefits of the scheme include:

- To recognise contractors who are committed to deliver quality waterproofing works, the Building and Construction Authority (BCA) has agreed to award full points for the in-process check of internal wet area waterproofing for projects assessed under CONQUAS, if the waterproofing work is carried out by a SCI waterproofing accredited firm. On-site verification is not required.
- This will certainly add value to the

SCI Accreditation Scheme as main contractors will be encouraged to engage accredited firms to carry out waterproofing works for their projects.

- Improved marketability and competitiveness
- Supported by REDAS
- Enhanced public image of firms

Accredited Firms - Accredited Waterproofing Firms

CRG CONTRACTORS PTE LTD
30 Toh Guan Road
#07-01 ODC Districentre
Singapore 608840
Tel: 68633977
Fax: 68634552
crg88@singnet.com.sg
W1

UNISEAL WATERPROOFING PTE LTD
10 Admiralty Street
#06-15 North Link Building
Singapore 757695
Tel: 67550055
Fax: 67531398
jameslim@uniseal.com.sg
W1

BESTCOAT CONTRACT SERVICES PTE LTD
10 Admiralty Street
#06-29 North Link Building
Singapore 757695
Tel: 67523005
Fax: 67533208
yvonnebestcoat.com.sg
W1

RENESCO INJECTION (WATERPROOFING) PTE LTD
30 Toh Guan Road
#07-01 ODC Districentre
Singapore 608840
Tel: 68633677
Fax: 68634240
jumari@hitchins.com
W2

GOLDFIELD CONSTRUCTION PTE LTD
48 Toh Guan Road East
#06-132 Enterprise Hub
Singapore 608586
Tel: 68966600
Fax: 63166600
goldfield@pacific.net.sg
W2

REMMERS (FAR EAST) PTE LTD
No 8 Kaki Bukit Rd
#03-12 Ruby Warehouse Complex
Singapore 417841
Tel: 67410277
Fax: 67417158
leowyc@remmers.com.sg
W3

BCS-PROKON CONTRACTORS (PTE) :TD
53 Ubi Ave 1
#03-28 Paya Ubi Industrial Park
Singapore 408934
Tel: 67445841
Fax: 68410632
nickniam@bcswp.com
W1

CEMENTONE (S) PTE LTD
Blk 3015A, Ubi Road 1, #06-05
Singapore 408705
Tel: 67448884
Fax: 67448700
henrylee@cementone.com.sg
W2

QIN JIN BUILDING SERVICES PTE LTD
Blk 644 Hougang Ave 8
#01-277
Singapore 530644
Tel: 63853572
Fax: 63851076
qinjinbuilding@hotmail.com
W3

MAXBOND ASIA PACIFIC (WP) PTE LTD
10-C Jalan Ampas #01-01
Ho Seng Lee Flatted Warehouse
Singapore 329513
Tel: 62511471
Fax: 62501473
william@maxbond.sg
W1

L H WATERPROOFING SPECIALISTS PTE LTD
27 Mandai Estate
#05-05 Innovation Place Tower 2
Singapore 729931
Tel: 63142322
Fax: 63142022
derrick@lhwaterproofing.com.sg
W2

LEE CONSTRUCTION PTE LTD
50 Kallang Avenue
#01-01 Noel Corporate Building
Singapore 339505
Tel: 68422345
Fax: 68424812
dick@leeconstruction.com.sg
W1

YJ WATERPROOFING PTE LTD
51 Jalan Pemimpin
#04-03 Mayfair Industrial Building
Singapore 577206
Tel: 63536433
Fax: 63536062
slp@yj.com.sg
W3

HENG BOON SENG
CONSTRUCTION PTE LTD
3 Pemimpin Drive
#07-05, Lip Hing Industrial Bldg
Singapore 576147
Tel: 62590988
Fax: 62593822
dorispeh@hbsc.com.sg
W1

MAXISEAL PTE LTD
No. 8, Moonstone Lane
Singapore 328453
Tel: 68942393
Fax: 62970481
kenix@maxiseal.com.sg
W3

Enquiry

To know more about the Accreditation Scheme for Waterproofing Specialist Contractors, application procedures and the updated list of Accredited Waterproofing Specialist Contractors, please contact Ms Edina Koh (Tel: 6325 5085).

Precaster Accreditation Scheme

Background

The Singapore Concrete Institute's Precaster Accreditation Scheme was launched on 1st January 2007. The scheme aims to improve the quality and productivity of precasters serving the construction industry. It also provides recognition to precasters who are committed to quality and safety of the production plant and products. The scheme is open to local and overseas precasters which have their fabrication yard located outside Singapore. This

scheme is managed by the Singapore Concrete Institute (SCI) as part of the effort to promote greater self-regulation by the industry. The accreditation criteria were developed jointly by the SCI and the Building and Construction Authority (BCA) with inputs from the precasters.

Accreditation Categories & Criteria

There will be three Categories of Accreditation:

Category PC1

Precaster that has the financial, human resources, plant and design capabilities to fabricate Structural Building and Structural Civil Engineering Elements of more than or equal to \$30 million in contract value for the past 3 years.

Category PC2

Precaster that has the financial, human resources, plant and design capabilities to fabricate Structural Building and Structural Civil Engineering Elements of more than or equal to \$5 million but less than \$30 million in contract value for the past 3 years.

Category PC3

Precaster that has the financial, human resources, plant and design capabilities to fabricate Non-Structural Building and Non-Structural Civil Engineering Elements.

Definition

1. Structural Building and Structural Civil Engineering Elements shall include but not limited to column, beam, double-T beam, hollow core slab, prestressed plank, household shelter, structural faade with built-in beams, staircase, balcony, parapet wall, gable end wall, faade (without beam), water tank, prefabricated bathroom, road viaduct components, MRT and LRT viaduct components, pedestrian overhead bridge components, deep sewerage tunnel components, MRT tunnel components, RC pile, spun pile, box culvert, sewerage tunnel, drainage tunnel.
2. Non-Structural Building and Non-Structural Civil Engineering Elements shall include but not limited to internal partition wall, cladding, sun breaker, refuse chute, roofing slab,

interlocking block/ paver, manhole chamber ring, RC cover for sewer manhole, U-drain.

The accreditation criteria are based on two main areas. They are:

- Management and Facilities
- Track Record and Design Capability

Precaster Accreditation Process

Precasters will be assessed using the accreditation criteria during the accreditation audit. Subsequently, the precaster will be assessed annually for compliance in order to retain its grading.

The benefits of the scheme include the following:

- Accredited Precasters can pride themselves to be recognised as among the best in the industry, having achieved the required standards in its class of accreditation
- The Accreditation Register will be a good source for selection of reliable precasters.
- The scheme will encourage continual improvement and professionalism as Accredited Precasters aspire to upgrade to higher categories.

Precaster Accredited Firms

Eng Lee Engineering Pte Ltd
No. 6 Kian Teck Crescent
Singapore 628873
PC2

Construction Technology Pte Ltd
60 Admiralty Road West
#03-01
Singapore 759947
PC1

ENQUIRY

To know more about the Precaster Accreditation Scheme, application procedures and list of Accredited Precasters, please contact Steven Cheong (Tel: 6325 5020, Email: Steven_Cheong@bca.gov.sg)

More Benefits for SCI members

SCI signed an agreement with CI-Premier Pte Ltd. Highlights:

- CI-Premier will offer special delegate fees for all conferences organized by them for bona-fide SCI members.
- With Permission of CI-Premier, SCI will host the full text of all the concrete related conferences organized over four decades by CI-Premier on SCI website. Ordinary and Group members have privilege to download these as part of their membership benefits.

About CI-Premier:

CI-Premier specialises in organising, promoting and managing international conferences, seminars and workshops in the field of Civil Engineering and Construction.

Concrete-related series organized by CI-Premier over the last 4 decades:

Our world in concrete and structures (OWICS)

The idea to provide a platform for academicians, professors, researchers, practitioners, architects, builders, contractors, developers, engineers, manufacturers, ready-mixed concrete producers and suppliers, technologists and all those interested and involved in concrete to gather together and to meet regularly and exchange views on the latest progress and developments made in concrete technology was conceived in 1975.

With the sponsorship of "Ready-mixed Concrete Association of

Singapore" and the support of Professor Em. Lee Seng Lip, then head of the Department of Civil Engineering, at the then University of Singapore, the inaugural one-day seminar was held on 28 August 1976 with Professor T Y Lin (deceased) and Professor Lee Seng Lip giving the keynote papers.

With the interest and support from international organizations, professors and professionals, this conference was enlarged to a two-day conference to include discussions in concrete structures as well. Over the years, the conference had initiated the formation of the Singapore Concrete Institute, the American Concrete Institute – Singapore Chapter and the Prestressed and Precast Concrete Society.

The Conference will be celebrating its 35th (Coral) Conference on Our World in Concrete & Structures in August 2010, and it shall be dedicated to Associate Professor Gary K C Ong, 9th President of Singapore Concrete Institute and Deputy Head (Infrastructure & Resources), Department of Civil Engineering, National University of Singapore.

The Concrete Future

This conference was initiated from OWICS and OWICS Lectures by OWICS Advisors had been presented at these events. The first two conferences were held in Malaysia in 1992 and 1993 with the co-operation of the National Ready-Mixed Concrete Association

of Malaysia. THE CONCRETE FUTURE has been revived and the 3rd Conference was organized with the Yantai University in China. The 4th conference on the theme "Recent Advances in Concrete Technology and Concrete in Structures" was successfully organized in June 2009 in Coimbra, Portugal.

International Conference on Recent Advances in Concrete Technology

The First International Conference on Recent Advances in Concrete Technology held in Washington DC, USA from 19-21 September 2007 is yet another offshoot of the successful concrete events held in S E Asia. The main objective is to bring together all those who share a common interest in this subject area, to promote international communication of new ideas, developments and innovations.

Other conferences organized by CI-Premier includes Shock & Impact Loads On Structures (SI); Protection Of Structures Against Hazards; Inspection, Repairs & Maintenance of Infrastructures; Fibre Reinforced Materials; and Structural Condition Assessment, Monitoring And Improvement.



SCI Memberships

GROUP MEMBERS shall be corporate bodies or organizations acceptable to the Board of Directors and engaged in or concerned with any business relating to concrete technology. Each Group Member shall be represented by one nominee.

Members Benefits

- 1 \$250 worth of coupons will be given to Group Members upon joining. All the coupons can be used to redeem fees of courses and workshops conducted by SCI (up to 50% of registration fee) and up to a maximum of \$150 can be used to pay for the next membership renewal. The coupons will be valid for 1 year from date of issue. Join NOW to take advantage of this special promotion - valid for a limited period only!
- 2 Put your company logo in the Group Member page and useful link Page.
- 3 Put the link of your company website in the Group Member page and useful link Page.
- 4 Full access to all the Technical reports, Journal papers on SCI website.
- 5 Access to read the books and some selected complete projects on SCI website online.
- 6 Subscription to SCI E-newsletter
- 7 Advertise your Job Position on our website
- 8 A certificate will be issued to acknowledge your group membership.
- 9 Lots of other attractive benefits are awaiting for you, please join us today to enjoy all these benefits.

Membership Rates

\$550 per annum

ORDINARY MEMBERS shall be persons whom the Board of Directors consider to be professionally qualified in fields related to concrete technology.

Members Benefits

- 1 Full access to all the Technical reports, Journal papers on SCI website.
- 2 Access to read the books and some selected complete project on SCI website online.
- 3 Subscription to SCI E-newsletter
- 4 A certificate will be issued to acknowledge your ordinary membership.
- 5 Lots of other attractive benefits are awaiting for you, please join us today to enjoy all these benefits.

Membership Rates

\$40 per annum

ASSOCIATE MEMBERS shall be persons who are concerned with and interested in concrete technology, and are acceptable to the Board of Directors.

Members Benefits

- 1 Full access to all the Technical reports, Journal papers on SCI website.
- 2 Access to read the books and some selected complete project on SCI website online.
- 3 Subscription to SCI E-newsletter
- 4 A certificate will be issued to acknowledge your ordinary membership.
- 5 Lots of other attractive benefits are awaiting for you, please join us today to enjoy all these benefits.

Membership Rates

\$40 per annum

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- JCL BUILDING MATERIALS PTE LTD
- KIENTA ENGINEERING CONSTRUCTION PTE LTD
- LEE CONSTRUCTION PTE LTD
- LH WATERPROOFING SPECIALIST PTE LTD
- MAPEI FAR EAST PTE LTD
- MAXBOND ASIA PACIFIC (WP) PTE LTD
- MAXISEAL PTE LTD
- MEINHARDT (SINGAPORE) PTE LTD
- MIDDLE EAST DEVELOPMENTS SINGAPORE LTD
- NATSTEEL ASIA PTE LTD
- PAN-UNITED CONCRETE PTE LTD
- PREMIER STRUCTURE PTE LTD
- PROCEQ ASIA PTE LTD
- PSC FREYSSINET (S) PTE LTD
- QIN JIN BUILDING SERVICES PTE LTD
- REMMERS FAR EAST PTE LTD
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- SYSCON PTE LTD
- TRANSIT-MIXED CONCRETE LTD
- UNISEAL WATERPROOFING PTE LTD
- WAK TECHNOLOGIES PTE LTD
- WOH HUP PTE LTD
- W R GRACE (S) PTE LTD
- WSP PTE LTD
- YJ WATERPROOFING PTE LTD



**SINGAPORE
CONCRETE
INSTITUTE**

MEMBERSHIP APPLICATION FORM

Type of Membership applying (please tick) :

Corporate Ordinary Associate

For Corporate Members

Company Name			
Address			
			Postal Code
Nature of Business			
Tel No.		Fax No.	
Nominee 1	Prof/Dr/Mr/Mrs/Miss	Designation	
Nominee 2	Prof/Dr/Mr/Mrs/Miss	Designation	
Email Address	Company		
	Nominee 1	Nominee 2	

For Ordinary/Associate Members

Name in full	Prof/Dr/Mr/Mrs/Miss		
Residential Address			
			Postal Code
Date of Birth	NRIC/PP No.	Nationality	
Home Tel. No.	Mobile No.		
Email Address	Personal		
	Company		

Employment Records

Employer's Name			Designation	
Address				
				Postal Code
Tel. No.	DID/Ext. no.	Mobile No.		
Working Experience	Please state number of years in construction industry			

Qualifications: Academic (please attach photocopy of certificates):

Year of Graduation	University/College Attended	Highest Qualifications Obtained

Professional Bodies / Learned Societies (please attach photocopy of membership certificates):

Date Joined	Name of Professional Organization	Membership No. & Type

Special Achievements / Publications

Year	Type of Award / Publications	Awarding Bodies / Publisher

Introduced by : _____ (Name of Member) Date : _____

Please indicate your preference in receiving mail : By Email By Fax By Post

Signature of Applicant : _____ Date : _____

<u>Ordinary/Associate Membership</u>	Annual Membership Subscription * (Renewal Date : 1st January of each year)
Ordinary Members shall be persons whom the Board of Directors considers to be suitably qualified in fields related to concrete technology. Associate Members shall be persons who are concerned with concrete technology and are acceptable to the Board of Directors.	Corporate Member \$ 550
	Ordinary Member \$ 40
	Associate Member \$ 40
<i>* Subscription of members admitted in November & December of a year will cover the following year as well.</i>	
The completed form together with the appropriate fee should be returned to : SINGAPORE CONCRETE INSTITUTE Block 342 Ang Mo Kio Avenue 1 #03-1563 Singapore 560342	

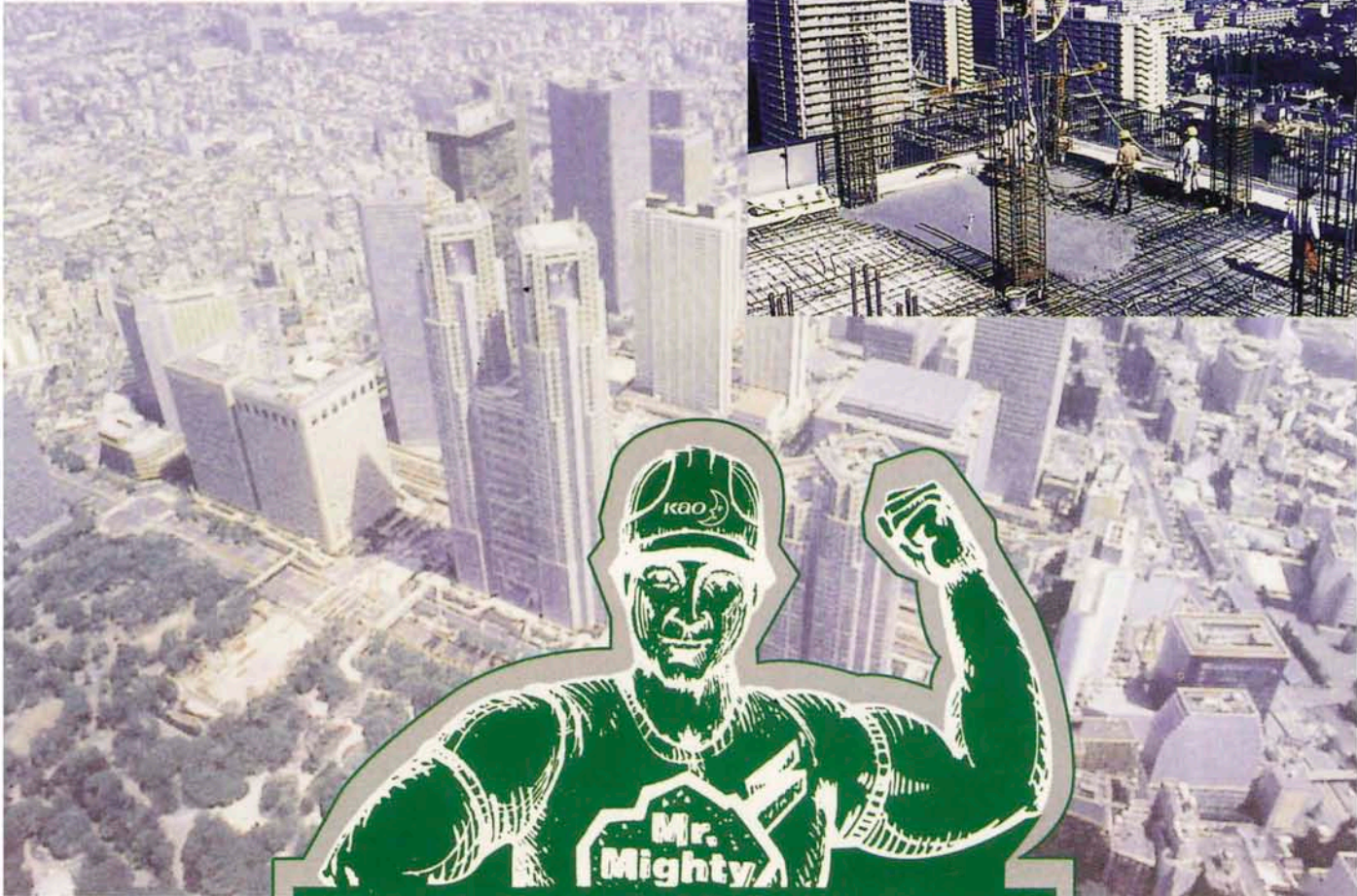
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Application Approved/Rejected on : _____ Membership No. _____
Mode of Payment : Cheque / Postal / Money Order for S\$ _____ (No. _____)
Approved by: _____ Recorded by: _____

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Email: psmighty@pacific.net.sg
Website: www.premierstructure.com

MALAYSIA:
PREMIER STRUCTURE SDN BHD
(Company No: 242024-D)
No. 38, Jalan TAGO 4, Taman Perindustrian TAGO,
Bandar Sri Damansara, 52200 Kuala Lumpur, Malaysia.
Tel: 03-6273 3000 Fax: 03-6273 3377
Email: psmighty@streamyx.com