INTRODUCTION

Fast technology advancement and growing environmental concerns are the drivers to the changes in building and construction industry and bring a new set of challenges. Traditional practices are now questioned and all stakeholders have to deal with a new set of regulations due to the more stringent requirements addressing the issues. Singapore, where supply resources are volatile, faces even more severe challenges that necessitate market to come up with new measures.

Building materials have been going through this tremendous dynamics and concrete is not exclusive to the situation. Recognized as one of the second most used material in the world, concrete is fundamental resource for society and economic development. Concrete has evolved through time to cope with changes by adopting new technologies. Alternative materials have been used to make concrete more environmentally friendly and visually pleasing for finishing. Design mixes are formulated to address productivity measures and decorative purposes.

The seminar will discuss the cutting-edge concrete solutions in regards to the above issues and possible applications relevant for engineers, architects, landscape architects and project managers.
PROGRAMME

2:00pm  Safety post
2:15pm  Introduction to Holcim Singapore
        by Mr Lawrence Tang
        Holcim Singapore

2:25pm  New value-added solutions: Light-weightcrete, Floating Concrete,
        Hi-strength Concrete and Jet-setcrete
        by Mr Jitendra Pragji Desai
        Head of Product Development & Technical Services – Holcim Singapore

3:15pm  Tea Break

3:30pm  Sustainable Drainage System
        by Mr Phil Tomlinson
        Sustainable Drainage System in UK

4:15pm  Architectural Solutions
        by Ms Angie Fu
        Solutions Manager – Holcim Singapore

4:45pm  Q&A Session

5:00pm  End

SPEAKERS PROFILES

MR LAWRENCE TANG

Graduated in Mechanical Engineering and Graduate Diploma in Sales & Marketing, Mr. Lawrence Tang has more than 27 years of experience in the building industry in which he has established relationships in the vast networks among architects, designers and specifiers. He was the Vice President for Marketing for BlueScope Lysaght for more than 20 years prior to his current position in Holcim Singapore as Head of Sales & Marketing.

In a short period of time after joining Holcim, he has brought in varieties of value added solutions to the construction industry. Lawrence was involved and set the pace in the success of green & eco concrete that was launched in the year of 2008 and is now popularly produced by almost all concrete suppliers in Singapore. Aligned with Government of Singapore calling for productivity enhancement initiative, in 2010 to 2011 he introduced Easecrete that was again well received by the industry, and is now used in the 2 pilot projects to evaluate the productivity enhancement and supported by the Construction Productivity and Capability Fund (CPCF) through Building Construction Authority.

His latest initiative, ALPS (Architectural Landscape and Product Solution), was introduced in the late 2011 to provide specifiers with more choices of materials for landscape applications. Conwood (simulated timber in green concrete), Imprintcrete (solutions for internal and external decoration) and SUDs (sustainable drainage solution) are the first few value-added solutions he is bringing to the building and construction market in Singapore.
MR JITENDRA PRAGJI DESAI

Mr. J.P. DESAI is a chartered civil engineer. He is having vast experience of more than 44 years in the field of construction, cement & concrete technology in India & abroad.

He has widely travelled abroad and has visited U.S.A., Canada, U.K., Germany, Italy, France, Switzerland, Greece, Holland, Thailand, Sri Lanka, Saudi Arabia, Iraq, Republic of Yaman, U.A.E, Kuwait, Singapore & China for technical training, research and presenting papers.

His field of specialization is cement and concrete technology and total quality management. He has done extensive research work in concrete technology, providing value added solutions in variety of concrete developed by him.

In 2007, Mr. J. P. Desai joins Holcim Singapore as Head-Product Development & Technical Services and has been working within Holcim Group Company for last 26 years contributing substantially in making Ambuja Cement as a brand in India. He has been the Sr. Vice President (Product Development) of Ambuja Cements Ltd., which is a leading premium quality cement manufacturing company in the country. His areas of responsibility include quality assurance of cement at corporate level for cement being produced from all the plants of Ambuja Cements Ltd., in India, since 1986. From 3rd September 2007, he has joined Holcim Singapore, as Head-Product Development & Technical Services.

MR PHIL TOMLISON

In his career to date Mr. Phil Tomlinson has worked in sales, marketing and operational environments. He holds a degree in Business Studies and during his early career in Aggregate Industries he held the position of Quality Manager for UK Building Materials operations before being appointed as a Factory Manager in 2001. In 2002 he was appointed as Factory Manager for Charcon Hard Landscaping’s newly opened Concrete Block Paving factory at Burton upon Trent.

In 2005 he was given responsibility for Aggregate Industries newly formed SUDS business and between 2005 and 2010 he helped develop Aggregate Industries into a market leader with the widest range of Hard Landscaping SUDS in the UK. During this period he was responsible for the creation of the Aggregate Industries SUDS Design guide, he co-authored a technical paper on the development of geo cellular sub-base replacement systems and he was a leading member of the steering committee responsible for delivering the UK Highways Agency Reservoir Pavement report into the feasibility of using pervious pavement construction in main highway applications. He has gained significant experience of Sustainable Drainage systems (SUDS) during 12 years working for Aggregate Industries, Holcim’s UK based operation. He is now Business Development Manager for Permavoid Ltd.

MS ANGIE FU

Angie Fu is the Solution Manager of the Architectural and Landscape Department of Holcim Singapore. She is involved in the sales and marketing of products as well as provides ideas and solutions for the Architectural and Landscape environment. Angie has been in the building and construction industry for 10 years.
Registration Form

"New Trends in Sustainable Concrete Technology"

Date : Thursday, 3 May 2012
Time : 2.00pm – 5.00pm
Venue : PUB Waterhub Auditorium (L2) - 80 Toh Guan Road East (S) 608575
Fee : $60 IES / ACES / SIA Members
     $80 Non-member

Please send fax the completed form to 6467 1108 or email to karen.ng@iesnet.org.sg

Participant Details

Name : ___________________________ PE No. : ___________________________
Designation : ___________________ NRIC : ___________________________
Company Name : ___________________________
Address : ___________________________ Postal Code : __________________
Contact No. : ___________________________ Fax : __________________________
Email Address : ___________________________

Please ✓ ☐ I am a Member of IES IES M'ship No: ___________________________
☐ I am a Member of ACES M'ship No: ___________________________
☐ I am a Member of SIA M'ship No: ___________________________
☐ I am not a Member of IES

Payment Details

Bank/Cheque No: ___________________________ Amount($) ___________________________

Cheque should be crossed and made payable to: “Institution of Engineers, Singapore” or “IES”.
Please indicate your name and “Sustainable Concrete Technology” on the back of the cheque and mail it to:

The Institution of Engineers Singapore
70 Bukit Tinggi Road
Singapore 289758
Attn: Ms Karen Ng

Important Notes:
1. Confirmation of event will be given 1 week prior to the commencement of the event.
2. In the event that you are not able to attend the event, please kindly inform us in writing at least three days before the commencement date. Otherwise the full payment is still applicable even if you did not turn up for the event.
3. Replacement is allowed, however, when a member is replaced by a non-member, the participant has to pay the difference in the fee.

IES reserves the right to make appropriate changes at its discretion although every effort will be made to inform participants in time.