



ASHRAE
ASHRAE SINGAPORE CHAPTER

BCA ACADEMY
of the built environment

High-Performance Green Buildings

ASHRAE Standard 189.1 – Standard for the Design of High Performance Green Buildings

This presentation will discuss the development of the ANSI/ASHRAE/USGBC/IES Standard 189 for High Performance Green Buildings and its objectives. The presentation will also outline the scope, contents and provide guidance for adoption in green buildings. The standard encompasses building siting, design, construction and operation, building materials, site sustainability, water conservation, indoor air quality, energy efficiency, construction methodologies, commissioning, operation and maintenance.



Gordon Holness, President, ASHRAE

Gordon V. R. Holness, P.E., Fellow ASHRAE, Life Member, is a consulting engineer, Grosse Pointe Shores, Mich.

As ASHRAE's president, Mr Holness directs the Society's Board of Directors and oversees the Executive Committee. His presidential theme, Sustaining Our Future by Rebuilding Our Past, addresses energy efficiency in existing buildings.

Mr Holness is a member of the Advanced Energy Design Guide Steering Committee and the Headquarters Building Renovation Committee. He has served as chair of numerous committees and councils most recently Members Council, the Advocacy Committee and the Steering Committee on Building Information Modeling and Interoperability. He formerly served on the Board of Directors as president-elect, vice president and director-at-large. Mr Holness has received the Exceptional Service Award, the Distinguished Service Award, the Journal Paper Award and three ASHRAE Technology Awards.

Building Energy Management and Implementation

The presentation will focus on the Building Energy Management methodology and approach, and following up by case studies to illustrate how Energy Management Implementation can be achieved in a Convention Centre, a commercial development, a government complex and a church building.



Vincent Tse, Managing Director

Vincent Tse is the Managing Director of Parsons Brinckerhoff Asia, Hong Kong Office.

Mr Tse has over 30 years of experience in mechanical and HVAC systems design with particular focus on the following areas:

- Superhighrise buildings and mega projects with large GFA
- District Cooling and Heating
- Vertical Transportation System
- Hospital and University Research Projects
- Energy Conservation and Management
- Sustainable System Design
- CFD Application and Fire Engineering

Mr Tse is a Fellow of ASHRAE and is currently ASHRAE's Distinguished Lecturer. He was ASHRAE Vice President in 2007-09 and Director & Regional Chair of Region XIII in 1998-2001.

Mr Tse is also a Fellow of CIBSE, IMechE, IHEEM of UK and a Fellow of HKIE.



Details

Date: 5 April 2010
Time: 9.00am to 1.00pm
(Registration starts at 8.30am)
Venue: BCA Academy
Fee: S\$100 (per participant)
(Inclusive of GST)
Lunch will be provided
No Charge for Ashrae Singapore
Chapter members

Accreditation

PEB - Pending
BOA-SIA - Pending

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Registration Form - High-Performance Green Buildings

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For enquires on program and registration please contact Dr. Uma at asc@ashrae.org.sg or fax to 6490 6641.

Name for Registration:	ASHRAE Membership No. :	ASC Membership No. :	PE Reg No. (for PDU) :
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please complete the following in full

Organization:	<input type="text"/>	Designation:	<input type="text"/>
Address:	<input type="text"/>	Postal Code:	<input type="text"/>
Telephone/Mobile No.:	<input type="text"/>	Fax No. :	<input type="text"/>
Email:	<input type="text"/>		

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Name/Signature (*Company / individual applicant)

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Date

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Company Stamp
(For company application)



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