



President's Message

Dear Member



This newsletter is the last issue for 2005-2006 ASHRAE fiscal year. The committees and president's term also end. I would like to thank all the committees, chairs and members of our sub-committees for their great contribution to our chapter. We are grateful to the sponsors and members for their continued support. New fiscal year will start on July 1st with Mr Apichit Lumlertpongpana becoming our president for the 2006-2007 fiscal year and Mr. Sittidej Buddharee as president-elect.

The soaring price of the energy is now a threat to our country. Air conditioning and Refrigerating system consumes the major portion of the energy. We are in this field as I mentioned in the previous newsletter. I would encourage everyone involved to follow promoting efficient and sustainable energy use: by developing innovative ways to promote energy efficiency, by providing information to consumers about energy-efficient and environmentally friendly products and practices, and by designing and operating its own industries and facilities for efficiency and sustainability.

The Chapters Regional Conference (CRC) will be held on 25th & 26th August 2006 at Sunway Lagoon Hotel Resort, Malaysia. Our president, president-elect and other committees will be attending the conference. The conference will include visits to some interesting places. I would like to invite our members to join the CRC meeting and have a chance to meet with overseas chapter members. Hope to see you there.

R. Chirakalwasan

Assoc. Prof. Richakorn Chirakalwasan
President of ASHRAE Thailand Chapter 2005-2006

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Chapter Library & Recommended books

Homeland Security for Buildings: ASHRAE Satellite Broadcast DVD



Earn Two PDHs with DVD and Test

Terrorist attacks targeting the built environment are a critical and compelling issue to our nation, especially to building designers, owners, managers and first responders. Multiple hazards and threats intersect within a building, and there remain critical questions concerning the danger of chemical, biological or radiological (CBR) attacks.

The Homeland Security for Buildings Satellite Broadcast DVD covers key issues related to building protection. By successfully completing the accompanying test, you will earn two Professional Development Hours (PDHs). Many professional registration and certification programs require that a number of continuing education credits be acquired each year to maintain licensure or certification. Accumulate credit that counts toward your continuing education requirement with this convenient learning tool.

This 2-hour program addresses questions of design, construction and operation of buildings. It covers key issues related to building protection from CBR incidents and draws heavily from ASHRAE's most credible and timely reports and publications.

PUBLISH DATE: 2004
PUBLISHER: ASHRAE
SPONSORED BY: ASHRAE with support from the Alfred P. Sloan Foundation
Item Code: 94865

ASHRAE Pocket Guide for Air-Conditioning, Heating, Ventilation and Refrigeration



This reference provides fast, authoritative HVAC&R information on the spot. It is packed with practical and useful information that fits in a shirt or vest pocket and is designed for immediate use. This edition, revised and expanded for 2005, includes properties performance and pipe sizing for new refrigerants, new data on refrigeration safety, ventilation requirements for residential and non-residential occupancies, occupant thermal comfort, more extensive data on sound and vibration control, thermal storage, radiant panel heating and cooling, air-to-air recover and more. Data are included from the new ASHRAE Fundamentals Handbook 2005 and from 2004 ASHRAE Standards 15, 55, 62.1 and 62.2.

To order in bulk quantity or with custom imprinting, contact ASHRAE Customer Service at 1-800-527-4723 (U.S./Canada) or 404-636-8400 (worldwide).

ISBN/ISSN: 1-931862-78-8 (I-P); 1-931862-79-6 (SI)
NO. OF PAGES: 272
PUBLISH DATE: 2005
PUBLISHER: ASHRAE

Find more detail recommended books at ASHRAE Thailand Chapter Library

Work Shop Training and RPM Meeting at Kaohsiung on May 13-14, 2006

On May 13-14, 2006, RVC Student Chair Mr. Wichai Laksanakorn, Coming President Mr. Apichit Lumlertpongpana and Coming President-Elect Mr. Sittidej Buddharee went to participate in RPM which was held at Ambassador Hotel in Kaohsiung, Taiwan.

This seminar is about CRC-Malaysia and other topics. The minute of this meeting is as follow.



1. CRC-Malaysia

- The meeting will be held on August 25-27, 2006 at Sunway Lagoon.
- Speaking Topic will be "Sustainability from Design, Installation to Commissioning and Maintenance" by one of the ASHRAE D.L., If not available, will be Malaysian consultant.
- RPM will move up to 26th August late evening 18:00-21:00 pm.
- May not have Welcome Dinner, but will try to find a sponsor for Alternate & Delegate.
- Blanquette Dinner will let the Government Tourism to sponsor the Culturer Dance, If cannot, will be Student Branch Show.
- Philippine will have 30 students, Singapore 20 and Malaysia will let OYL to sponsor the student fee.
- A PRC-China visitor may participate in this KL-CRC.

2. The Regional officer position vacancies on Year 2007-2009 need to be decided on R-13 KL- CRC.

Regional Positions need 3 names.

- Chapter Technology
- Research Promotion
- Need to allocate the Name of CRC-General Chair of Thailand for Year 2009

3. Robert Hu showed that all the region member drop close to 12%, if drop 15% ASHRAE may close this Region-13.

- Tentative New Section/Chapter such as Indonesia, New Zealand, East Malaysia may present so that it help to increase member.
- PRC-China Government does not allow to form a chapter due to their Political Issue.

4. APC-BE-2006

- Thailand must be the host of APC-BE-2006 and can be the first start and combine with AP-conference.
- Now Society allow R-13 to have on Major Exhibition outside United State, can be as big as we want.
- Need to further discuss, How to allocate the Exhibition/profit allocate to the other chapter or RVC.
- Will set the Steering Committee by Ng Eng Hong, Roger Chu, Raymond Wong, Robert Hu plus chapter Reps.

5. A.O.B.

We suggest the R-13 try to convince their country's labor development ministry to arrange the ASEAN A/C and Refrigeration Skill Competition for our young candidate to have a place to compete, Once they go to the World Skill so that they will not excite too much. All country asked us to send more detail.

Malaysia CRC 2006 Updates

Region XIII is now 9 years old and ASHRAE Region XIII the 9th Chapters Regional Conference 2006 goes to Malaysia during 25th - 26th August 2006. Sunway Lagoon Resort Hotel in Petaling Jaya, Malaysia has been chosen as host hotel. Total 12 representatives from Thailand Chapter lead by incoming President Apichit Lumlertpongpana will attend this event.

CRC is a meeting of all ASHRAE Chapters in the region and will only be held once in a year. It conducts orientation session, caucus, executive session and business meeting. The conference also includes workshops, technical sessions, addresses by Society representatives, regional award presentations. It also offers opportunities for regional fellowship. Pre CRC golf and post CRC city tour have also been organized to make this coming CRC more fun.

On 25th August 2006, a half day technical seminar under the theme "Sustainability-From Design & Installation to Commissioning and Maintenance" will be given by 3 distinguished lecturers. Here are the 3 Lecturers profiles: -

Carl N. Lawson is a Commissioning Authority for PWI Commissioning Services. Mr. Lawson has been involved in the ASHRAE Commissioning Process since 1984 and has remained active on the respective committees since that time. He has been involved in the commissioning process since 1962 when it was called "Total Quality Management". Mr. Lawson is a pioneer in the commissioning industry. In 2000 he was awarded the Benner Award for his dedication to the commissioning process. He has also received the ASHRAE Distinguished Service Award. From 1984 to 2000, he taught the Commissioning Course at the University of Wisconsin and now an instructor for the Commissioning Course taught by the Building Commissioning Association.

Mr. Lawson has been a contributor to three books; Indoor Air Quality published by AEE, *The HVAC Design Process* published by ASHRAE, and the latest, *The Hospital and Clinic Design Guide*, published by ASHRAE. Mr. Lawson is an ASHRAE member, a member of the Handbook Committee, and Chair of Committee for the ASHRAE Position Document on Mold and Mildew. He is a member of GPC-1, HVAC Commissioning, and a member of TC 7.12, Building Commissioning. He has also served as a member of the Standards, Program, Journal and Insights, and Special Publications Committees.

Julian R. de Bullet has over 30 years experience in the HVAC industry. His career has concentrated on the applied use of Chilled Water and All-Air systems. Mr. de Bullet is the Director of Industry Relations for McQuay International, based in Washington D.C. and a member of



numerous industry associations concentrating on energy efficiency and responsible refrigerant use. As ASHRAE Vice President (2001/2003), he served on the Board of Directors and the Executive Committee and was Chair of Member Council and Publishing Council. He is Past President of the National Capital Chapter and was Director and Regional Chair for ASHRAE Region III. He is an ASHRAE Distinguished Lecturer. He Chairs the Professional Development Committee and is a member of PEC and the Society Nominating Committee. Mr. de Bullet is a Graduate of the London University system in England, where he obtained an Electrical Engineering degree and a Diploma in Marketing.

Thiam Leong CHEN is the CEO of Primetech Engineers, a consulting engineering firm in Malaysia. He graduated as a Mechanical Engineer (1st Class Hons) from the University of Leeds, England, and has been in the building services industry for over 25 years. He is an audit specialist in the fields of energy, fire and life safety, as well as trouble shooting and has authored numerous articles and papers on Air-conditioning and Refrigeration, CFC issues, Fire Protection, Smoke Management, Energy Issues and Intelligent Buildings. He works tirelessly with the Malaysian Fire Authority on issues such as Halon alternatives, Performance Based Fire Engineering Design and implementation of Fire Certificate Regulation. He was awarded the Fire Services Medal in 1999. Mr Chen is also renowned for his innovative and daring design work which culminated in his award winning design for the New Securities Commission HQ Building in Kuala Lumpur. He works with and encourages local manufacturers to carry out R&D in conjunction with his ideas to successfully manufacture new HVAC products.

He is a Past President of the Association of Consulting Engineers Malaysia; Past President of the Institution of Fire Engineers Malaysia; Advisor to the Malaysia Air Conditioning & Refrigeration Association; and a Past President of the Kiwanis Down Syndrome Foundation in Malaysia.

It is a great opportunity for all ASHRAE members to learn new things from ASHRAE by participating Malaysia CRC 2006. If you have any query or interest to join the conference, please feel free to contact chapter secretary, Mr. Nirun Chayangsu, at his mobile no. 01-692-5512 or send an e-mail to him at nirun_c@chaimitr.com ❄️

Election Results for 2006 – 2007

ASHRAE Thailand Chapter Officers, BOGs and Committee Chairs

The election for 2006-2007 Officers and BOGs had been made over the annual member meeting in April 26, 2006. Nominating Committees led by Ms.Jintana Sirisantana, Assist Prof. Dr. Tul Manewattana, Dr.Chirdpun Vitooraporn and Mr.Sumet Jiambutr had introduced to all members **Mr.Apichit Lumlertpongpana** - I.T.C. Company Limited as incoming President. **Mr.Apichit Lumlertpongpana** currently served as President-Elect and bylaw, he will become 2006-2007 President upon completion of his 2005-2006 terms.

Nominations for President-elect, Vice President, Treasurer and Board of Governors are made by Nominating Committees which are from the list recommended by individual members. However, members at the meeting have the right to orally name the members to be candidate for each position, The meeting finally seconded the nominated Officers and BOGs as follows:

Officers

- President:** **Mr.Apichit Lumlertpongpana**-I.T.C. Company Limited
President-Elect: **Mr.Sittidej Buddharee**-Carrier (Thailand) Co., Ltd.
Vice President: **Mr.Uthai Lohachitranond**-York Air Conditioning and Refrigeration (Thailand) Co., Ltd.
Mr. Sumet Jiambutr-Patkol Plc.
Mr.Chakrapan Pawangkarat -
Treasurer : **Assist.Prof. Dr. Tul Manewattana**-Chulalongkorn University

Chapter Board of Governors

- BOG :** **Mr. Wichai Laksanakorn**-W. and Associate Co., Ltd.
Mr. Sumeth Simakulthorn-Kulthorn International Co., Ltd.
Mr. Chaiyan Salicupt-Environmental Engineering Consultants Co., Ltd.
Chair Prof. Tawee Vechaputti-Chulalongkorn University
Assoc. Prof.Richakorn Chirakalwasan--Chulalongkorn University
Assoc. Prof. Dr. Withaya Yongcharoen - Chulalongkorn University

- Mr. Piya Chongvatana**-Patkol Plc.
Ms. Jintana Sirisantana-Uni-Aire Corp.
Mr. Kecha Thirakomen-Environmental Engineering Consultants Co., Ltd.
Dr. Rawee Ngamchokchaicharoen-Airco Ltd.

Following the completion of election formality, Incoming President Mr.Apichit Lumlertpongpana has announced others officers for his term as follows:

Officer and Committee Chairs

- Secretary:** **Mr. Nirun Chayangsu** - Chaimitr Engineering International Co., Ltd.
Membership Promotion Committee Chair: **Mr. Niran Lumlerduksanachai**-Carrier (Thailand) Co., Ltd.
Student Activities Committee Chair: **Dr. Churdpun Vitooraporn** - Chulalongkorn University
Historian or Historical Committee Chair: **Ms.Krongkom Mokamol**-Airco Ltd.
Chapter Technology Transfer Committee Chair: **Mr. Chartchai Pisuttiboriboon**-Nicotra Manufacturing (Thailand) Co., Ltd.
Newsletter Editor: **Mr.Sittisak Panitpotjaman** -York Air Conditioning and Refrigeration (Thailand) Co., Ltd.
Homepage Editor: **Mr. Sumet Jiambutr**-Patkol Plc.
Resource Promotion Committee Chair: **Mr. Voravit Suvanbenjakule** -Thai Air Conditioning Machine Co., Ltd.
Honour and Award Committee Chair: **Mr. Somsak Thanapaisalpipath** -B.S.V. Group

The incoming Officers, BOGs and Committee Chairs will perform their duty starts from 1st July 2005 to 30th June 2006. Any members would like to volunteer helping and Chairs, please feel free to contact above Committee Chairs or Chapter Secretary, Mr. Nirun Chayangsu, for details at e-mail: nirun_c@chaimitr.com, or phone 02-757-4510 ext. 313



<< ASHRAE Thailand Chapter: The Appreciation ceremony to Sponsors

A benjarong token given for sponsors who purchased 2 packages. A certificate present to sponsors who purchased 1 package.

Technical Seminar



OUSU

25-26 พฤษภาคม 2549 ASHRAE Thailand Chapter จัดร่วมกับ สมาคมวิศวกรรมปรับอากาศแห่งประเทศไทย จัดอบรม เรื่อง “การศึกษาและวิจารณ์วิธีการคำนวณภาระทำความเย็น” ณ โรงแรม Maxx ถนนพระราม 9 วิทยากรโดย อ.ดร.พิชัย กฤษไมตรี/ผศ.ดร.ประกอบ สุรพัฒน์วารณ/ผศ.ดร.เกรียงไกร อัศวมาบັນลือ ภาควิชาวิศวกรรมเครื่องกล มหาวิทยาลัยเกษตรศาสตร์

สัมมนาวิชาการ

8 มิถุนายน 2549



ASHRAE Thailand Chapter จัดร่วมกับ สมาคมวิศวกรรมปรับอากาศแห่งประเทศไทย จัดสัมมนาวิชาการ เรื่อง “Heat Pump Technology” ณ อาคาร ว.ส.ท. ชั้น 4 วิทยากรโดย ศ.ดร.สุรพงษ์ จิระรัตนานนท์ คณะพลังงาน สถาบันเทคโนโลยีแห่งเอเชีย/คุณอดิศักดิ์ พงษ์พัฒน์รักษ์ บริษัท แอร์โค จำกัด/คุณปทุมพร วงมั่นคง บริษัท แอร์โค จำกัด



เยี่ยมชมดูงาน

30 พฤษภาคม 2549



ASHRAE Thailand Chapter จัดร่วมกับ สมาคมวิศวกรรมปรับอากาศแห่งประเทศไทย จัดโปรแกรมทัศนศึกษาเยี่ยมชมดูงาน ณ โรงงานผลิตเครื่องปรับอากาศและคอมเพรสเซอร์ บริษัท แอล จี มิตร อีเลคทรอนิคส์ จำกัด

ขอแสดงความยินดีกับ รศ.ฤชการ จิรกาลวสาน President วาระ 2005-2006

คณะกรรมการ ASHRAE Thailand Chapter ขอแสดงความยินดีกับ รศ.ฤชการ จิรกาลวสาน President ASHRAE Thailand Chapter วาระ 2005-2006 ที่ได้รับการคัดเลือกให้เป็นกรรมการสภาวิศวกร





ASHRAE *Thailand Chapter*

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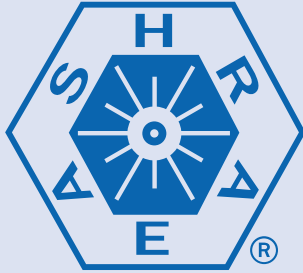
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33. Taikisha (Thailand) Co., Ltd.
34. Uni-Aire Corporation
35. W. And Associates Consultante Co., Ltd.
36. York Air Conditioning And Refrigeration (Thailand) Co., Ltd.

Thank you

Thank you

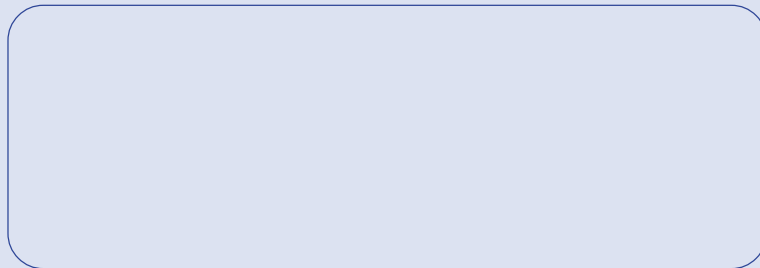


TOTAL 51 Packages



ASHRAE Thailand Chapter

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Wang-tong-lang Dist., Bangkok 10310, Thailand.
Tel. 0-2318-4119, 0-2318-4123-24 Fax. 0-2318-4120
<http://www.ashraethailand.org> E-mail: info@ashraethailand.org



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- 6. เลิกกิจการ
- 7. ย้ายไม่ทราบที่อยู่ใหม่
- 8. อื่นๆ

ลงชื่อ.....