Time is sure running very fast, the term of 2004-2005 committees is ending soon. I would like to thank all the committees, chairs and members of the sub committees for the kind contribution to our chapter. Associate Professor Richakorn will be our next President for the year 2005-2006 with Khun Apichit Lumierpongpana as Elected President. I am sure that both of them will actively promote our chapter.

The increasing price of the energy is now a threat to the whole world. We have to realize that the air-conditioning is a major consumer of the energy. We all should try to find the way to reduce energy consumption of the air-conditioning system. We may also have to look at promoting the use of building insulation and light filtering of heat thru the glass panes.

The CRC meeting in Hong Kong will come on 26 August 2005 at Kowloon Shangrila Hotel. There will also be a visit to Macau, I would like to invite our members to join the CRC meeting, meet with members from other chapters and tour the interesting places.

I would like to congratulate Dr. Tul that now his student refrigeration competition team has been selected by our region to represent the region for the student design competition. I would like to thank all the students and their advisors from ASHRAE on their hard work to get the project done on time. I am quite positive that our team will be the winner, as we have put a lot of efforts into this competition.

Finally, I would like to say that I have gained quite some knowledges in management as the president of our chapter and would like to suggest that every company should try to send an executive to join ASHRAE chapter as he will learn good management concept.

Piya Chongvatana
President Thailand Chapter (2004-2005)
**Recommended Book**

**ASHRAE GreenGuide**

This nearly 200-page green guide offers essential reference and guidance to HVAC&R system designers involved in green or sustainable building design. The GreenGuide is a step-by-step manual for the entire building lifecycle, from the very earliest stages of a green building design project and through to the resulting structure's construction, operation, maintenance, and eventual demolition.

- Divided into three sections: “Basics,” “The Design Process,” “Post-Design -- Construction to Demolition.”
- Covers green design techniques applicable to related technical disciplines, such as plumbing and lighting.
- Includes 29 “Green Tips,” specific measures for improving sustainability. Tips include “Hybrid Ventilation,” “Ground-Source Heat Pumps” and “Direct-Contact Water Heaters.”
- Includes sidebars featuring case studies, checklists, and other practical information.

**Advanced Energy Design Guide For Small Office Buildings**

**New Design Guide Delivers Maximum Energy Savings**

For developing energy-efficient buildings, the Advanced Energy Design Guide provides a sensible approach by including practical products and readily-available, “off-the-shelf” technology. The Guide offers you all the tools you need to create an energy-efficient building where the owners will see a 30 percent energy savings compared to buildings that only meet the minimum requirements of Standard 90.1.

This four-color guide presents a simple approach to energy design for contractors and designers of office buildings up to 20,000 sq. ft. Ideal for the Contracting, Design and Remodeling industries, this peer-reviewed Guide features a user-friendly format and contains “how-to” guidance. The Guide provides benefits and savings for building owners while maintaining quality and functionality of the office space.

The Guide includes:
- Easy to follow climate zones for your geographic region
- Recommendations for achieving energy efficiency credits for LEED
- Bonus strategies for saving energy outside the building
- Ways to retrofit existing buildings and renovations

This Guide helps meet all of the owner’s energy performance requirements, since it was developed by a diverse group of energy professionals: ASHRAE, the American Institute of Architects (AIA), New Buildings Institute (NBI), and the Illuminating Engineering Society of North America (IESNA).
Election Results for 2005 - 2006
ASHRAE Thailand Chapter Officers, BOGs and Committee Chairs

The election for 2005-2006 Officers and BOGs had been made over the annual member meeting in May 26, 2005. Nominating Committees led by Ms. Jintana Sirisantana, Assist Prof. Dr. Tul Manewattana, Dr. Chirdpun Vitooraporn and Mr. Sumet Jiambutr had introduced to all members Assoc. Prof. Richakorn Chirakalwasan, Mechanical Engineering Dept., Faculty of Engineering, Chulalongkorn University as incoming President. Assoc. Prof. Richakorn currently served as President-Elect and bylaw, he will become 2005-2006 President upon completion of his 2004-2005 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, and they have orally nominated with second by the meeting for the additional 2 more Vice presidents and 5 more BOGs. The meeting finally seconded the nominated Officers and BOGs as follows:

**Officers**
- President : Assoc. Prof. Richakorn Chirakalwasan - Chulalongkorn University
- President - Elect : Mr. Apichit Lumlertpongpana - I.T.C. Company Limited
- Vice President :
  - Mr. Pawat Vitoorapakorn - Eastern Polymer Industry Co., Ltd.
  - Mr. Sittidej Buddharee - Carrier (Thailand) Co., Ltd.
  - Mr. Uthai Lohachitrandon - York Air Conditioning and Refrigeration (Thailand) Co., Ltd.
- 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. Chatyan Salicuip - Environmental Engineering Consultants Co., Ltd.
- Mr. Chaithawat Sawnawong - Cooling And Controls Eng. Co., Ltd.
- Chair Prof. Tawee Vechaputti - 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 Assoc. Prof. Richakorn Chirakalwasan 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. Uthai Lohachitrandon - York Air Conditioning and Refrigeration (Thailand) Co., Ltd.
- Student Activities Committee Chair : Dr. Chirdpun Vitooraporn - Chulalongkorn University
- Historian or Historical Committee Chair : Mr. Somsak Thanapaisalpipat - B.S.V. Group
- Chapter Technology Transfer Committee Chair : Mr. Niran Lumierduksanachai - Carrier (Thailand) Co., Ltd.
- Homepage Editor : Mr. Sumet Jiambutr - Patkol Plc.
- Resource Promotion Committee Chair : Mr. Voravit Suvanbhanjakule - Thai Air Conditioning Machine Co., Ltd.
- Honour and Award Committee Chair : Mr. Chartchai Pisuttiboriboon - Nicotra Manufacturing (Thailand) Co., Ltd.

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
As incoming Region XIII Regional Vice Chair for Student Activities (RVC-SA), BOG Wichai Laksanakorn had been invited to attend both Region XIII Regional Planning Meeting (RPM meeting) held in Kuala Lumpur, Malaysia during May 21-22, 2005 and Society annual meeting to be held in Denver, Colorado during June 25-29, 2005.

He had also been appointed by Society President-Elect, Lee W. Burgett, to be 2005-2006 Student Activities Committee, which is a standing committee of the Society and report to Society Board of Director through the Members Council.

Being 2005-06 Student Activities Committee, BOG Wichai has to help developing a comprehensive program for the academic and educational community to promote and encourage HVAC&R careers, promote math and science education and promote growth in ASHRAE student membership.

Distinguished Lecturers Announced for 2005 - 2006

Six new distinguished lecturers have been named by ASHRAE. The Distinguished Lecturers Program provides ASHRAE chapters with noted authorities who provide insight and speak on relevant topics that impact the HVAC&R industry. Will Stoecker, Ph.D., P.E. has now been named as new ASHRAE DL nominated by Thailand Chapter.

Will Stoecker, Ph.D., P.E., University of Illinois, Refrigeration; Liquid Recirculation for Industrial Refrigeration; Ammonia as a Refrigerant; Ammonia/Carbon Dioxide Hybrid Systems; and Vessels for Industrial Refrigeration Systems.

W. F. (WILL) STOECKER, P.E., Ph.D.
University of Illinois
Urbana, IL
Student Design Project Competition 2005: Passing the First Round

Dr. Chirdpun V, Thailand Student activities Chair, has informed the progress on this year Student Design Project Competition that our Refrigeration System Design has been selected by the Regional Judging Panel to represent Region XIII in the World Competition and RVC Student Activities, Sunny Tan, had already submitted Thai entry to the ASHRAE Student Design Competition Committee. The result shall be announced in early August after the ASHRAE Student Design Competition Committee meet in Denver at the end of June 2005. We wish that Thai team will win again this year.
WorldSkills Competition 2005 News

Mr. Nitipong Bubpamala from Thailand won Bronze Medal in the Refrigeration & Air Conditioning of WorldSkills Competition 38th, Helsinki, Finland. Twenty (20) countries were participated but only 17 nations had competitor.

Thailand had selected refrigeration technicians from the candidate that competition from 13 zones of Labor Development Department (LDD) in each province. Those successor competitor compete each other again for the National Competition. Mr. Nitipong Bubpamala from Rajamangala University Technology Nakornrasima campus won to be Thailand’s representative.

The refrigeration category covers six (6) modules and the time allocated to the test project is 22 hours within 4 days.

- Task 1 Manufacturing and soldering of small Accumulator, 2 hours
- Task 2 Troubleshooting and repair of electrical equipment, 1 hour
- Task 3 Troubleshooting in a refrigerated plant, 2 hours
- Task 4 Changing a refrigerant such as recovery R22, Drain mineral oil and replace with R-407C/POE oil, 3 hours
- Task 5 Installing wall mounted, Heat pump, R-410A air-conditioning equipment, 5 hours
- Task 6 Installing a R-404A commercial refrigerating system for a freezer room, 9 hours

In this competition Ireland won Gold Medal, Brazil won Silver Medal. For the other prizes that Thailand won are Gold Medal from Welding, Silver Medal from Ladie’s Dressmaking and 6 diploms. Hence make Thailand to be the 10th rank from 37 countries of WorldSkills competition. Next WorldSkills competitions: 2007 in Japan, 2009 in Canada.

ASHRAE Thailand Chapter would like to thank you for all the supporters such as Thai Industry Federation Association, Kulthorn Group, I.T.C. (1993) Co., Ltd., Danfoss (Thailand) Co., Ltd., Patkol PLC, Carrier-Toshiba, Panasonic, Unifab Co., Ltd., Carel (Thailand) Co., Ltd., Laco Marketing Co., Ltd., CME Industries Co., Ltd., Star Holiday Group, LDD-Training Center, Retailing Co., Ltd., Songserm Cooling Co., Ltd., Rajamangala University Nakornrasima Campus and all training staff coach.
สัมมนาวิชาการ และเยี่ยมชมพื้นฐานงานสนามบินสุวรรณภูมิ

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