



President's Message

Dear Members



It is my great honor to be elected as the **ASHRAE THAILAND CHAPTER'S** president for 2004-2005. I would like to thank all the officers and chairs of 2004-2005 for their volunteer to help me run our chapter. I also would like to thank the Associate Professor: Richakorn Chirakalwasan for accepting the President Elect post. Working in **ASHRAE** is a great contribution to the air-conditioning and refrigeration industry as **ASHRAE** has been devoting all its effort and resource to upgrade the knowledge and practice in the industry.

This year our society president, Ron Vollart has put his emphasis on **Refrigeration**. This is a very good sign, as I myself, a refrigeration engineer had noticed that **ASHRAE** in the past has not put enough interest in the refrigeration field. Thailand has been progressing very well in the refrigeration technology and it has developed to the point that we need to have higher technology to move into the new era where new refrigerant like CO₂ and CFC free are being required in the industry.

The era of urban lifestyle has arrived in Thailand. The family member, nowadays, reduces to just a couple who both working. Maids are getting scarce. This will result in the rising demand of chilled and ready to eat frozen meal for the busy family. As the result, there will be high demand for refrigeration system.

Our Prime Minister's vision of Thailand as the kitchen of the world is also a key factor in the growth in ready to serve meal for export. We should all try our best to transfer the higher technology from **ASHRAE** to our members to develop our refrigeration industry.

This year, in October, our **ASHRAE Chapter** in co-operation with Thai Refrigeration Association will arrange a trip to visit **IKK** Refrigeration exhibition, which is one of the best of its kind in October 2004. I would like to urge our members to visit this fair and learn more about new technology. I will try my best to arrange more activities in refrigeration field to be in line with our society President policy.

In the **CRC** in Singapore, we have received High Five Goal award and Percentage of High Five Goal award on resource promotion activity, which is the highest awards for resource promotion chair. We thank to our vice president, khun Apichit for the **PH** diagram neckties that was auctioned and raised fund in **CRC** Bangkok 2003. This year, we have bigger target to reach in the research fund raising and we hope that our member will participate.

Last, I have to thank all the members and companies in air-conditioning and refrigeration industries for their support our sponsor packages advertising in our journals. I wish all the supporters, to have prosperous business in continuation.

Piya Chongvatana

President Thailand Chapter (2004 - 2005)

Student Design project Competition 2004 ASHRAE



ASHRAE recently had announced the winners of the 2004 ASHRAE Student Design Project Competition. Thailand chapter's Chulalongkorn University student design team was received the "Honorable Mention" in this Society-wide competition.

The team was chosen to represent Region XIII (Hong Kong, Malaysia, Philippines, Singapore, Taiwan and Thailand) in the HVAC System Design Category for the fourth consecutive year.

The first place was taken by Ferris State University which consists of Brad Green, Bhushan Joshi, John Lindman, Trevor Fink, Ray Wrobel, Joseph Borders and the faculty Advisor: Douglas Zentz.

The University of Florida has taken the second place, while California Polytechnic State University and Chulalongkorn University from Thailand won Honorable Mention Award. The Chulalongkorn University team includes Chalernsak Tangchivawattanakul, Aekkaluk Charoenmit, Wootirat Tunwirat and Dr.Chirdpun Vitooraporn as the Faculty Advisor.

Chapter Library



THE FIRST HVAC LIBRARY IN THAILAND

In order to keep the continuity of technology transfer to Thai HVAC society, library is one of key address. With the close cooperation between ASHRAE Thailand Chapter, Air Conditioning Engineering Association of Thailand and Mechanical and Electrical Designing and Consulting Engineers Association, the first HVAC library, located at the 3rd floor in the building of The Engineering institute of Thailand, was established and officially opened on August 25, 2004.

There are many categories of books such as IAQ and Energy Saving, mostly purchased from ASHRAE bookstore, and covers in professional and practical level. One of those books may be interested to you. To reinforce our society, you are encouraged to contribute or donate the books, products literature and any documents related to HVAC. Please contact our office for details.

The office hour of library is started from 9:00 AM until 4:00 PM of Monday to Friday.

Please call our office at...

Tel : 0-2318 4119, 0-2318-4123-4 Fax : 0-2318 4120

for more details.

ASHRAE REGION XIII CRC 2004 IN SINGAPORE

This year, the **ASHRAE Region XIII** annual meeting was held in Singapore during 19-21 August, 2004 at Novotel Apollo Hotel. The conference included business sessions, technical seminar and committee workshops.



At the seminar, Mr. Vincent K C Tse, the managing Director of Parsons Brinckerhoff (Asia) Ltd, from Hong Kong had presented the case studies and the application of Computational Fluid Dynamic (CFD) in Building and Infrastructure Project Design.

Afterward, Mr. Kenneth R. Luther the Western Regional Manager of the Fluid Handling Division of ITT Fluid Technology Corporation, Morton Grove, Illinois, USA had presented the Chilled Water System Forensics, Getting the Least Operating Cost Out of Your Pumping System and Modern HVAC Pumping Systems.



In addition, Ms. Jintana Sirisantana, president of Thailand Chapter during July 1, 2003 - June 30, 2004 was honored to achieve the Presidential Award of Excellence. This honor award is for significant improvement in membership, attendance, research promotion, education, chapter programs and technology.

COPELAND

seminar



➔ Copeland Corporation and Sang Chai Equipment (1984) Ltd. Part. cooperated with ASHRAE Thailand Chapter, held the technical seminar for the refrigeration at Chaophaya Park hotel, Bangkok on August 5th 2004.



➔ Another seminar for the refrigeration was held at The Impress Hotel in Chiang Mai on August 9th 2004 which was co-operated by Emerson Climate Technologies and Sang Chai Equipment (1984) Ltd. Part.

RESOURCE PROMOTION 2003-2004

THAILAND CHAPTER

Resource Promotion 2003-2004 Thailand Chapter has achieved 5 awards which as the following

1. FULL CIRCLE AWARD

- which means we achieved our committees contribution of USD 600 to the Society.

2. NEW CHALLENGE GOAL AWARD

- we obtained total contribution of USD 992 which means we over achieved our 2003-2004 RESOURCE PROMOTION GOAL of USD 776 or 27.8% over the goal.

3. PERCENTAGE OF CHALLENGE GOAL AWARD (TOP FIVE BY CHAPTER SIZE)

- we have exceeded the goal by 27.8% and are in the Top-Five rank among 99 members.

4. HIGH FIVE GOAL AWARD

- which means we achieved highest contribution of USD 992 in the last five years.

5. PERCENTAGE OF HIGH FIVE GOAL AWARD (TOP FIVE BY CHAPTER SIZE)

- which means we achieved highest contribution of USD 992 in the last five years and are ranking in the Top-Five within the chapter size of 1-99 members.

THAILAND CHAPTER **WEBSITE**



In August 2004, ASHRAE Thailand Chapter have updated the first page of the website by adding new committees name list of ASHRAE Thailand together with the photos, the public relation of the 7th Chapter Regional Conference on 19-21 August in Singapore and also the visiting of IKK2004 exhibition.

In September - December 2004, home page editor plans to add the data base or the directory of ASHRAE Thailand members which consist of name, position, company, expert and e-mail address but have to ask for the permission from the owner. There's also the link to another websites that are www.ashrae.org , www.ashrae__region13 , www.thairefrig.or.th , and ASHRAE Chapter's website of the other countries.

ASHRAE THAILAND CHAPTER

Sponsor Package for 2004 - 2005

ASHRAE Thailand Chapter had been successfully operated thru the 4th anniversary. Today is the starting day of the 5th year which will be ended on 30 June 2005. We have New Committees every year due to ASHRAE regulation

Last year, we printed 4 newsletter, 2 journal, organized 5 technical seminars by both local speaker and ASHRAE Distinguished Lecturer, 4 technical visits, 1 international visit (to ASHRAE AHR Expo in USA), 4 golf competitions and 2 bowling competitions. This year (July 2004 - June 2005), we plan to operate the chapter in full functions as we did in the past year to serve our members as well as the Thai Refrigeration and Air - Conditioning society.

In order to make the plan come true, we need your support in sponsoring the chapter as most of you did before. We have designed SPONSOR PACKAGE to cover the whole fiscal year expenses and activities. Details of your benefit are as shown in the attached sheet. The total value of the package is over 20,000 Baht but it will be charged only 12,000 Baht for you.

Item	Activity	Q'ty	Amount Each (Baht)	Total Amount (Baht)
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3.	Sponsor List in MembershipPromotion night	1	2,000.00	2,000.00
4.	Free Technical Seminar	1	1,500.00	1,500.00
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Should you have any queries, please contact Khun Orawan Srikaewbovorn, call (662) 318-4123-24

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ASHRAE Thailand Chapter



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