



Dear Members

President's Message

It is to my regret that our Chapter will not be able to arrange members' trip to the **ASHRAE** Winter Meeting 2005 at Tampa, Florida. It happens that the winter meeting falls on our Chinese New Year and we, the committee, do not think that there will be enough members to join the trip. We hope that in the future the society committee will ask us about our Chinese New Year as to me it is as important as their Christmas that all the family must reunited.

In the last two quarters of 2004, we all have seen the unbelievable price rising of oil. It looks scary as all the prices of energy and metals are rising heftily too. Indeed, it is now a big challenge to **ASHRAE** society. We have to find a way to design systems, machines or equipment that would cool or heat with better efficiency.

Investors, now, cannot take it easy and use corner cutting engineering to design their systems. They need to find a good, qualified engineer to design their systems. Our task at **ASHRAE** is to educate investors on methods and means in the design of higher efficiency system, be it building air conditioning systems or cold storage projects. On another scenery, we also require to find an environment friendly refrigerant for our cooling system as the greenhouse effect is showing up its reality; heating up our atmosphere. Again, **ASHRAE** should try hard to educate the public and urge them to be wary of the availability of new refrigerants that would reduce greenhouse effect. We also have to educate public to understand that higher efficiency system design can also reduce greenhouse effect.

I would welcome any idea from our members on the above issue as we must do something to show our responsibility as **ASHRAE**. If any member should have idea to educate the public, please propose to our committee and we will try to take the necessary action.



Piya Chongvatana
President Thailand Chapter (2004-2005)

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Chapter Library



ขอเชิญชวนสมาชิกเข้ามาใช้บริหารห้องสมุด ASHRAE ซึ่งตั้งอยู่ที่ตึกวิศวกรรมสถาน ชั้น 3 นอกจากนั้นท่านสมาชิกสามารถแนะนำหนังสือเพิ่มเติมได้โดยติดต่อเจ้าหน้าที่เพื่อนำเสนอดำเนินการให้จัดซื้อไว้ในห้องสมุดต่อไป

นโยบายการเปิดใช้

ตามทีสมมาคมทั้งสาม คือ ACAT, ASHRAE Thailand Chapter & MECT มีนโยบายส่งเสริมเผยแพร่ความรู้ด้านวิศวกรรมแก่หมู่มวลชนสมาชิกในปัจจุบันและอนาคต จึงร่วมกันจัดตั้งห้องสมุดเพื่อให้เป็นศูนย์กลางของแหล่งความรู้ แต่เนื่องจากสื่อต่างๆ ที่เก็บสะสมไว้มีราคาสูง ในเบื้องต้นจึงขอกำหนดระเบียบการเข้าใช้ดังนี้

เวลาเปิดให้บริการ

- จันทร์-ศุกร์
- 9:00 น. to 16:00 น.

ผู้มีสิทธิ์ใช้

- สมาชิก of ACAT, ASHRAE Thailand Chapter & MECT เท่านั้น

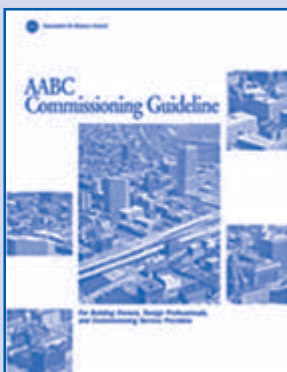
การให้บริการ

- อนุญาตให้ใช้บริการภายในห้องสมุดเท่านั้น
- การขอเข้าใช้ต้องติดต่อขออนุญาตจากเจ้าหน้าที่และลงชื่อในสมุดที่จัดเตรียมไว้ และหลังจากออกจากห้องสมุด



Recommended book

AABC Commissioning



This guide provides a standardized methodology that eases the job of design professionals, commissioning service professionals, building owners and anyone else involved with the building commissioning process. The text features detailed, step-by-step methodologies for the various types of commissioning, a discussion of the roles and responsibilities of each commissioning team member, and a section on the benefits of commissioning. It also includes sample forms, **specifications and RFPs for commissioning services.**

Associated Air Balance Council (AABC) stresses the importance of independent commissioning authorities in delivering a building that operates efficiently according to the design intent. AABC's Commissioning Guideline has been called "**one of the clearest descriptions of the commissioning process.**"

| | | |
|--------------|---|---------------|
| ISBN/ISSN | : | 0-910289-03-4 |
| NO. OF PAGES | : | 125 pp. |
| PUBLISH DATE | : | 2002 |
| PUBLISHER | : | AABC |
| Item Code | : | 96350 |

Member News

Mr. Piya Chongvatana (President ASHRAE Thailand Chapter) was granted the 2004 Outstanding Technologist Award in the field "Tube Ice Maker and Dairy Industrial Development of Thailand" from Foundation for the Promotion of Science and Technology under the Patronage of His Majesty the King. The bestowment was held on October 19, 2004



Accomplishments:

1. The First Tube Ice Maker which is developed by Thai
2. Design & Construct the Tri-axial Spiral Tube-in-Tube UHT Sterilizer as the first builder in ASEAN
3. Design & Develop Co-extrusion blown film machine with rotary die for production of 3 layers co-extrusion Polyethylene film in Thailand
4. One of the founders of Thai Refrigeration Association (TRA)



- 1-2 On behalf of Thai Refrigeration Association, Mr.Udom Chalermkiartsakul thanks BOCK Co., Ltd. and KUBA Co., Ltd. for allowing the visit to their factory.
- 3-5 General Views of the IKK 2004 Exhibition held at Nuremberg, Germany during October 13-15, 2004
- 6 Residenzschloss Hotel in Nuremberg our hotel during the trip.

Refrigeration Design Project Competition 2005



➔ Professor Tawee Vejchapti presents a token of appreciation to Khun Montri Jeeyasak Managing Director of VM Food Co. Ltd.

ASHRAE Thailand Chapter, this year, has a plan to promote and support **STUDENT DESIGN PROJECT COMPETITION** in both **AIR CONDITIONING** and **REFRIGERATION CATEGORIES**.

To encourage the student to understand more on the Refrigeration Project Category, ASHRAE Thailand Chapter, Patkol Public Company Limited and Mechanical Engineering Department at Chulalongkorn University arranged a Technical Tour for a group of approximately 75 students to visit Cold Storage Distribution Center of VM Food Co. Ltd. and Patkol's Refrigeration and Food Processing Equipment Fabrication Shop on the 11th of September 2004. Representative from ASHRAE Thailand Chapter also gave a lecture to a group of on the Fundamental of Designing Cold Storage Distribution Center so that student would understand more on the actual design issues before start working on the Student Design Project Competition 2005.



➔ Student, Staff and Managing Team of Patkol Public Company Ltd took a photograph together in front of Patkol's Food and Refrigeration Equipment Fabrication Factory.



➔ Student, Staff and Managing Team of Patkol Public Company Ltd took a photograph with Khun Montri Jeeyasak Managing Director of VM Food Co. Ltd before departure.



➔ Patkol's Factory Manager was explaining to a student visiting the Factory.



➔ Khun Sumet Jiambutr Patkol's TGD Vice President was briefing to a Faculty Staff who also attending the Technical Tour.



1. Students were paying an interest to a Demonstration Set of Ice Making Machine at Patkol Factory Office.

2-3. Students were attending a lecture on the Fundamental of Designing Cold Storage Distribution Center.

4. Student Team was presenting a Preliminary Design Project to Faculty Staff and ASHRAE Thailand Chapter Industrial Representative.

5. Professor Tawee Vejchaputra presented a token of appreciation to Khun Sornsak Project Manager and also acting as the Representative of ASHRAE Thailand Chapter to be an Industrial Advisor for a Student team who would enter the Refrigeration Design Project competition.

President to announce the formation of Chapter Nomination Committees



- | | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | |

(consists of 5 members)



President calls for nomination from the floor, members to nominate members for this position” Election of Nomination Committees to be made by January 2005



Chapter Nominating Committees

- | | |
|------------------------------------|------------------------------|
| 1 Jintana Sirisantana | Board of Governors 2004-2005 |
| 2 Assist Prof. Dr. Tul Manewattana | Chapter Officers 2004-2005 |
| 3 Sittidej Buddharee | Chapter Officers 2004-2005 |
| 4 Dr. Chirdpun Vitooraporn | Committee Chairs 2004-2005 |
| 5 Sumet Jiambutr | Committee Chairs 2004-2005 |

Technical Seminar & Event



ASHRAE Thailand Chapter ร่วมออกบูทงาน National Engineering Week 2004 ระหว่างวันที่ 28-31 ตุลาคม 2547 ณ ศูนย์การประชุมไบเทค บางนา



ASHRAE Thailand Chapter ร่วมกับ AIR-Conditioning Engineering Association of Thailand จัดหลักสูตรอบรม เรื่อง “การใช้งานและการบำรุงรักษา ระบบเครื่องกล” วันศุกร์ ที่ 5 พฤศจิกายน 2547 ณ ห้องอเมริกา โรงแรม Maxx ถนนพระราม 9



ASHRAE Thailand Chapter ร่วมกับ AIR-Conditioning Engineering Association of Thailand จัดโปรแกรมทัศนศึกษา ณ “งานก่อสร้างอาคารผู้โดยสาร สนามบินสุวรรณภูมิ” วันพุธที่ 10 พฤศจิกายน 2547



ASHRAE Thailand Chapter had the Membership Promotion at the Grand Hotel on 19th November 2004.

2005 Feb. 7-9 - AHR Expo 2005. Orlando, FL

World's Largest HVAC&R Exposition Event

Since 1930, the International Air-Conditioning, Heating, Refrigerating Exposition has been the leading source for new HVAC&R equipment, products, components, systems and services.



Location

The 2005 **AHR Expo** will be held in the North/South Building of the Orange County Convention Center.

Features

The 2005 **AHR Expo** currently has more than 1,300 exhibiting companies displaying their latest products and services

■ For more information visit website at <http://www.abrexpo.com>

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ASHRAE Thailand Chapter

Confirm Sponser list

2004-2005



Purchase 2 Package

- 1 ABB Limited
- 2 Chillmatch Co., Ltd.
- 3 Danfoss (Thailand) Co., Ltd.
- 4 Engineering Equipment Enterprise Co., Ltd.
- 5 Jardine Matheson (Thailand) Ltd.
- 6 Kulthorn Group Co., Ltd.
- 7 Nicotra Manufacturing (Thailand) Co., Ltd.
- 8 Patkol Public Company Limited
- 9 Siam Compressor Industry Co., Ltd.
- 10 Trane (Thailand)



Purchase 1 Package

- | | |
|--|--|
| 1 Awacs Corporation Ltd. | 19 Namcharoen Petrophan Intertrade Co., Ltd. |
| 2 Better Living Co., Ltd. & Siam Temp Co., Ltd. | 20 Natural Green Innovation Co., Ltd. |
| 3 Bock Compressor Technoloey (Thailand) Co., Ltd. | 21 PKB Enterprise Co., Ltd. |
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| 5 Calpeda (Thailand) Co., Ltd. | 23 Reacon Equipment. Co., Ltd. |
| 6 Chaimitr Engineering International Co., Ltd. | 24 Refrigo Equipment Co., Ltd. |
| 7 Computer Support System Co., Ltd. | 25 Sang Chai Equipment (1984) Ltd. Part. |
| 8 Copeland-Thailand c/o Emerson Electric (Thailand) Ltd. | 26 Siam Daikin Sales Co., Ltd. |
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| 10 Elektrim Cantoni Motor Co., Ltd. | 28 SM-Cyclo (Thailand) Co., Ltd. |
| 11 Grundfos (Thailand) Ltd. | 29 Taikisha[Thailand] Co., Ltd. |
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| 15 Liang Chi Industry [Thailand] Co., Ltd. | 33 Uni-Aire Corp |
| 16 McQuay Siam Co., Ltd. | 34 W. AND Associates Consultante Co., Ltd. |
| 17 Microfiber Industries Ltd. | 35 World Mechanics & Works Co., Ltd. |
| 18 Mycom (Thailand) Co., Ltd. | 36 York AirConditioning And Refrigeration (Thailand) Co., Ltd. |

TOTAL 56 Packages



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