



ASHRAE 美國供暖製冷及空調工程師學會
**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
 AIR-CONDITIONING ENGINEERS, INC. - Hong Kong Chapter**

P.O. Box 35612, King's Road Post Office, North Point, Hong Kong

<http://www.ashrae.org.hk>



**Technical Seminar on
 Adapted Ventilation – the road map to serious
 sustainability and reliable life cycle costs**



- Date:** 21st July 2009
- Time / Duration:** 7:00pm for 7:15pm - 8:30pm
- Venue:** Room Y 302, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong.
- Honourable Speaker:** Dipl.-Ing (FH) Mr. Raimund Lang
 General Manager of AL-KO Air Technology GmbH
 Mr. Lang is specialized in the field of energy saving for air handling systems and in the determination of Life Cycle Costs of air handling units.
- Program Highlight:** Ventilation and air conditioning (AC) cause a significant part in overall energy consumption and annual running costs of buildings. On the other hand, ventilation and AC are one of the most powerful resources to generate an atmosphere of comfort, motivation and productivity in buildings. This supposed antagonism – destroying of energy and generation of productivity will be analyzed to show how the generation of productivity can be maximized by minimizing the demand of energy. The upcoming topics will be treated:-
- ♦ Impacts of ventilation and AC on health, motivation and productivity of human beings and examples of parameters of interest.
 - ♦ Life Cycle Costs of buildings and the major parameters.
 - ♦ Comparison of the “classical way” and the “sustainable way” of energy costs reduction in buildings.
 - ♦ Means for ventilation and AC on demand
 - ♦ Variable air volume (VAV) to adapt the air flow rate on the temporal and quantitative demand.
 - ♦ Heat and cool recovery (HRS) to save thermal energy for heating, cooling and dehumidification.
 - ♦ Air quality control to optimize the operating climate conditions.
 - ♦ Low energy dehumidification by means of absorption technology
 - ♦ Calculation standards to verify and to evaluate energy savings.
- Fee:** Free of charge
- Application:** Open to ASHRAE members, HVAC Engineers or other professions interested in this topic. Please complete and return the below application form by e-mail or by fax before 10 July 2009. Number of participants is limited to 80. Quota will be allocated on first-come-first-served basis. Successful applicants will be informed individually by e-mail. Applicants who do not receive a reply before 15 July 2009 may assume their application unsuccessful.

CDP certificate will be issued for participants after attending the seminar.

Application Form

Technical Seminar on Adapted Ventilation-the road map to serious sustainability and reliable life cycle costs

Name (Dr/Mr/Ms) : _____

Membership Class : _____ No.: _____ (ASHRAE)

Company Name : _____

Contact Address : _____

E-mail Address : **(Must be provided)** _____

Contact Numbers : (Tel) _____ (Fax) _____

For any inquiries, please contact: Mr. Eric Lim (Tel:2807 9479 / ashraeseminar@gmail.com)

Please e-mail this form to: / ashraeseminar@gmail.com or fax to 2887 9613

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