



The Hong Kong Institution of Engineers
Building Services Division



ASHRAE
Hong Kong Chapter



CIBSE
CIBSE
Hong Kong Branch



HKPolyU
Dept. of BSE

ASHRAE (HKC) / CIBSE (HKB) / HKIE (BS Div) / BSE- HKPolyU
Joint Function Technical Talk on
“Evaporative Cooling Tower Control Optimization and Fog Mitigation”

Details

Date : 16 December 2008 (Tue)
Time : 6:30pm for 7:00pm to 8:30pm

Venue : Room N001,
The Hong Kong Polytechnic University
Hung Hom, Kowloon, Hong Kong

Programme Highlights

Fog emission from evaporative cooling towers although not harmful to human health are usually regarded as unsightly and sometimes lead to perception of the public that there is problem with operation of the building. Hence, whilst use of evaporative cooling towers as a means of heat rejection provides substantial energy saving as compared to air cooling as heat rejection means, the problem of fog emission needs to be resolved. The presentation describes various means of mitigating the problem such as with heating coils, dry sections, mixing of dry / cool ambient air with the warm / humid cooling tower discharge air.

The presentation also includes a case study of optimization of cooling tower operation automatic control with the prime objective of energy saving but which also achieved the effect of fog emission without applying fog mitigation methods as described above.

Speaker

Mr. Victor Leung, Project Director, J. Roger Preston Limited

Fee

Free of charge, and CPD Certificate from HKIE / ASHRAE / CIBSE will be available to their members.

Registration & Enquiry

Please register ONLINE via the website of CIBSE Hong Kong Branch – www.cibse.org.hk
(Note: All members have to fill in the membership number for verification. The organizers reserve the right to decline their application if no membership no. is submitted.)

The maximum number of participants is 150. Applications will be accepted on a first-come-first-served basis. The deadline of application is **6 December 2008**. Successful members will be notified by e-mail or phone, and their names will be posted on the institutions’ websites - www.hkiebsd.org, www.ashrae.org.hk and www.cibse.org.hk after **11 December 2008**.

For enquiry, please contact Ir Dr Sam Hui (for ASHRAE members) at 2859 2123 and Ir Dr Jacob CM Yiu (for HKIE members) at 2565 3368 and Ir C.K. Mok (for CIBSE members) at 2867 3673.