

ASHRAE — QATAR ORYX CHAPTER



January 2010



Right: Dr. Walid Chakroun visiting Qatar Chapter.

Left: Snap shot of the technical event.



INDOOR AIR QUALITY (IAQ) & ASHRAE CHAPTER OPERATIONS By Dr. Walid Chakroun—Director Region_At_Large

Dr. Walid Chakroun of Kuwait University visited the ASHRAE Qatar Oryx Chapter on November 28th 2009. Dr Chakroun is the **Director of ASHRAE Region_At_Large (RAL)**. RAL is ASHRAE region which look after ASHRAE chapters outside North America.

Two presentations were delivered by Dr. Chakroun. First, a technical presentation on **Indoor Air Quality** with focused on IAQ health concerns and energy consumption issues. **ASHRAE Chapter operation** was discussed (in the second presentation) as Dr. Chakroun demonstrated Chapter operations and highlight on major Officers and Board responsibilities. This was great opportunity to the Board members and attending local members to get thorough insight on the effort involved and available benefits of serving at the chapter level.

Dr. Chakroun invited all local members to participate in running various chapter committees. He stressed that

the biggest advantage of becoming ASHRAE member is to participate in the local chapter activities and become part of it. The presentation was followed with discussion, where the Chapter Board members asked question and raised issues related to Qatar chapter.

Dr. Chakroun advised all members that the local chapter can get the Society's support on any initiative (within ASHRAE mission and Bylaws) they may want to explore through their local chapter.

It is of interest to mention that this event was the first event where "**Attendance Certificates**" with professional development hours were distributed to all attendees at the end of the event. Attendance certificates will be given to attendees of all future technical events.

About twenty five local members and officers attended the event that took place at Shattir Abbas restaurant's meeting hall.

Chapter Officer:

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Denise Haladjian Treasurer
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motion

Newsletter Committee:

Ramiz Gabriel Chair
David Brown Editor
Denise Haladjian Member
Seenu Pillai Member

WISDOM OF THE MONTH

NOTHING IS TOO BIG TO KNOW ... NOTHING IS TOO SMALL TO ATTEMPT

AIR FILTRATION FOR BETTER AIR QUALITY, REDUCED OPERATING COST, OPTIMIZED CAPITAL COST AND ENVIRONMENTAL SUSTAINABILITY

ASHRAE Qatar Oryx Chapter held technical event on air filtration at the Ramada Hotel – Doha on Saturday, November 21st 2009. During the full day event, **American Air Filters (AAF International)** presented practical and technical aspects of air filtration.

The Presenter, **Mr. Hoshi Daruwalla** (AAF Vice President – Global Gas Phase) gave thorough overview of chemical filtration with focus on both industrial and commercial applications. The presentation and discussions focused on high filtration efficiency, filtration cost, energy saving aspects,

as well as odor and biological control.

AAF's Qatar representatives "**Jersey Group**" sponsored the event, which was attended by around fifty-five local ASHRAE member and non-member building professionals.

The ASHRAE Chapter's Board of Governors extends its gratitude to Jersey Group for their support to ASHRAE mission. On behalf of all attendees, we thank Mr. Hoshi Daruwalla for the well-received technical information.



Mr. Hoshi Daruwalla (AAF Vice President – Global Gas Phase) speaking at the event.



Side of the AAF event attendees at the Ramada Hotel on November 21st 2009



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CURRENT LEED 2009 PROFESSIONAL CREDENTIALING EXAMS

Many professionals are seeking the new **LEED 2009 Accreditation**. Questions about the new system, which has greatly changed from the previous LEED accreditation exams, are being asked by many local professionals. This article will try to summarise the LEED 2009 exam path.

The GBCI conducts the LEED 2009 examination on a three tiered basis;

1. **Tier One: LEED GA (Green Associate);** You attests to basic knowledge and skill in understanding and supporting green design, construction, and operations. 100 multiple choice questions. Two hours exam. Passing score is 170/200
2. **Tier Two: LEED AP with speciality;** Signifies an advanced depth of knowledge in green building practices and specialization in a particular LEED Rating System. 100 multiple choice questions. Two hours exam. Passing score is 170/200
3. **Tier Three: LEED Fellow;** This tier is under development. It will distinguish an elite class of leading professionals. Fellows contribute to the standards of practice and body of knowledge for achieving continuous improvement in the green building field

AS A CANDIDATE;

- You can appear for any exams. You have three attempts within one year from approval of his application
- You can appear for LEED GA first and get certified LEED GA initially.
- You will be certified LEED AP speciality, if while holding LEED GA you pass the second tier exam.
- You can appear for LEED AP speciality combined with LEED GA together (fees, duration and Questions are clubbed). If you appears in a combined mode;
 - A. You must pass both tiers , to be certified LEED AP speciality.
 - B. If you pass one out of the two test , you will be given another two more attempts to pass.
 - C. You will not be certified LEED GA, until you clear the LEED GA only. You has to pass the LEED AP speciality.
 - D. In any case , to become a LEED AP speciality, you should have passed LEED GA

ELIGIBILITY REQUIREMENTS

1. Agree to the Disciplinary and Exam Appeals Policy and Credentialing Maintenance Program (CMP) as outlined at www.gbci.org.
2. Should Have experience in the form of EITHER documented involvement in support of a LEED-registered project OR employment (or previous employment) in a sustainable field of work OR engagement in (or completion of) an education program that addresses green building principles (For LEED G
3. Document professional experience on a LEED-registered project, within the last 3 years, with verification through LEED Online or employer attestation (For LEED AP speciality)

LEED APs without speciality credentialed under NC, CI, or EB have three options:

1. Become a LEED AP with speciality by passing one of the new speciality examinations; only the speciality part of the exam will be required if testing during your enrolment window.
2. Become a LEED AP with speciality by enrolling in the new tiered system—i.e. agreeing to the CMP and signing the Disciplinary and Exam Appeals Policy—and completing prescriptive CMP for the initial 2-year reporting period.
3. Do nothing; you will be designated a LEED AP without speciality in the LEED Professional Directory

For more information of the LEED (Leadership on Energy and Environmental Design), refer to the US Green Building web site on; www.usgbc.org

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IMPORTANT NOTE

Please watch your mail boxes for the coming Qatar Oryx Chapter technical events.

We are aiming to carry out three technical events (subjects to be advised)

End of January, February 20th, March 20th — Titles of the technical events will be advertised soon

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MY COMMITTEE, MY OFFICE
STUDENT ACTIVITY COMMITTEE

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ORYX CHAPTER

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[http://
www.ashrae.org](http://www.ashrae.org)



The Student Activities committee is one of the ASHRAE Chapter's main committees. The committee is responsible to build relations with educational institutions within the Chapter's geographical region. The committee arranges presentations to introduce the students to ASHRAE's mission. These encourage them to join ASHRAE at younger age and form local Student Sections within their institutions. It is intended they can reap major benefits from the Society as early as the age of 16.

Our Qatar committee succeeded in building constructive professional relations with Qatar University (College of Engineering), The College of the North Atlantic and Qatar Foundation (Texas A&M University). During the past two years, presentations on ASHRAE were made to their students. The committee also worked with the Chapter's Board of Governors to offer students access to some of the Chapter events at 20% to 30% of the cost to other attendees.

The Committee aims to establish minimum of one Student Section, in one of these institutions. We are facing a problem of low student numbers as well as the need to educate the students about the building services field. They have very little or no knowledge about this field during their study years.

Though the local ASHRAE Chapter operates in different committees, it functions as one unit. There is synergy between committees. Our major success in the Student Activity Committee is the relationships that we built with institutions and their willingness to support the Chapter's mission by making their campus' facilities available to the Chapter to conduct some of our technical events.

The advantages of joining ASHRAE as student member are too many to be listed here. However, in my view, the most important advantage is "NETWORKING". In today's competitive market, knowledge is important. Yet knowing the market leaders within the region is important. ASHRAE Chapter is a perfect platform for students to meet other young engineers and industry professionals.

Ramiz Gabrial, P.E. LEED AP is founding member of ASHRAE Qatar Chapter. He is the Chapters President Elect—2009-2010 & Chairs the Student Activity Committee.



Dr. Walid Chakroun—Director Region_At_Large delivering the first attendance certificate issued by the ASHRAE Qatar Chapter to David Brown - President Qatar Chapter.

Attendance certificates will be issued by the Chapter for all future technical events.



The newsletter committee expresses its deep gratitude to KEO International for sponsoring printing 75 hard copies of each issue for distribution during Chapter events.

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