



Concrete News

Kuwait Chapter

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Moetaz El-Hawary

From the President's Desk

Keeping with the chapter tradition, the American Concrete Institute- Kuwait Chapter announces its third international conference and exhibition that will be held in Kuwait on 26-28 March 2012. The conference comes in agreement with the chapter main goal which is "Dissemination and exchange of knowledge and information". This conference also comes as an investment and continuation of the success of the two conferences that were held before. the ACI-KC First International Conference that was held in September 2003, while the second was held in March 2007. The second conference attracted speakers from countries as diverse as Australia, USA, Oman, Egypt, Algeria, Jordan, Lebanon, UAE, Iran, France, Mexico, Kosovo, Albania, and of course Kuwait along with two renowned keynote speakers from USA. The theme of the conference in this round is "Towards the Development of Resilient Sustainable Buildings and Structures". Sustainable or green buildings is to design construct and maintain them in a way to use minimum of pollution and cost the minimum while increasing the comfort, health and safety of the people in them, or sustainability is to consider the interrelationships between a building, its components, its surroundings and its occupants. Resilience on the other hand, is the area under the linear part of the stress-strain diagram or it is the elastic or reversible energy that may be absorbed by the material without causing permanent deformations. Resilient structures, therefore, are those that assure performance, serviceability and safety of the structure without permanent plastic deformations. Combining sustainability and resilience in building development is the goal of this conference.

Exhibition, technical workshops and social events will accompany the conference which will be chaired by Dr. Fadel Safar, Minister of Public Works and State Minister of Municipal Affairs.

The American Concrete Institute – Kuwait Chapter Conference series has already gained recognition as one of the leading international conferences in the world and will continue as one of the main streams for continuous scientific advancement and development in the building industry in Kuwait.

ACI-KC third international conference and exhibition represent a great opportunity to members, engineers, contractors, designers, consultants, material suppliers and others interested in the building industry to get acquainted with new technologies, modern trends and recent research in the building industry.

Mark your calendar and don't miss the chance.

About **ACI** - **Kuwait Chapter**

*The three main bodies of the Chapter are its
Directors, Committees, Members.*

Board of Directors

Members of the Board of Directors are elected by the Members of the Chapter after being nominated by the Nomination Committee. There are eleven members of the Board of Directors:

The terms of office of the President and the Vice - President cover a maximum of one year. The Directors are elected every year to serve a three-year term.

Board of Directors 2009 - 2010

President:	Dr. Moetaz El-Hawary
Vice President:	Mr. Ali Al-Abdullah
Past President 1 :	Ms. Hayfaa AL-Mudhaf
Past President 2 :	Dr. Hasan Kamal
Past President 3 :	Mr. Ahmad A. Al-Jihayem
Director:	Mr. Abdul Wahab Rumani
Director:	Mr. Mansoor Rao
Director:	Dr. Khaldoun Rahal
Director:	Dr. Saud Al-Otaibi
Director:	Mr. Mohammad Harb Madbouly
Director:	Mr. Bader Al-Salman

Membership Committee

Chairperson	Mr. Mohammed Harb Madbouly	- Recruiting new member individuals and organizations. - Issuing and renewing membership certificates. - Publishing and updating chapter directory of membership. - Facilitating communication among members and communicating to the Board of Directors and other established student chapter.
Member	Dr. Saud Al-Otaibi	
Member	Dr. Khaldoun Rahal	
Member	Mr. A.W. Rumani	
Member	Mr. Naser O. Alenezi	

Technical Committee

Chairperson	Mr. Ali Al-Abdullah	- Identifying technical topics of interest to Chapter Members and recommendations to the Chapter for seminars, short courses and workshop on the topics. - Reviewing and submitting to Chapter members of ACI International committee reports of relevance to Kuwait - Reviewing proposed revision of ACI Standards and submitting reviewed comments to the Chapter's Board of Directors for submission to ACI International. - Promoting local research and testing programs to resolve technical issues of importance for durable concrete construction in Kuwait.
Member	Dr. Khaldoun Rahal	
Member	Bader Al-Salman	
Member	Mr. A. W. Rumani	
Member	Mr. Mohammad Harb Madbouly	
Member	Dr. Hasan Kamal	
Member	Mr. Abdul Hamid Al-Qallaf	

Publication Committee

Chairperson	Dr. Saud Al-Otaibi	- Publishing the periodic newsletter to inform the Chapter activities and provide general information of use to Chapter membership. - Printing and distributing copies of technical reports to Chapter members, as well as to interested individuals and concerned bodies. - Preparing meeting reports and Chapter news for submission for publication in the Concrete International Magazine.
Member	Mr. A. W. Rumani	
Member	Mr. Nezar Nazzal	
Member	Mr. Yousef A. Ben Awad	

Social Committee

Chairperson	Eng. Dana Drobiova	- Organizing annual recreational activities for Chapter members. - Organizing representation of the Chapter at selected national events. - Organizing field trips to major construction projects.
Member	Eng. Mansoor Rao	
Member	Eng. Nezar Nazzal	

Nominating Committee

Chairperson	Ms. Hayfaa Al-Mudhaf	The nominating committee selects individuals who have the interest and the willingness to serve, as well as those possessed of leadership qualities for selection to the Board of Directors and Chapter offices. The committee submits their names before the annual general selection by Chapter members.
Member	Mr. Ubed Arain	
Member	Mr. Anas Al-Kassam	
Member	Mr. Tareq Shoaib	
Member	Mr. Waleed Al-Jasem	

ACI - Key to success

Membership

ACI Kuwait Chapter Wants You

You already know the benefits of the American Concrete Institute International membership, but have you considered the benefits of belonging to your local ACI chapter? The local Kuwait Chapter functions as a distribution center on latest information and ideas. You'll find professionals with ready answers to local concrete problems you encounter everyday.

Fill out coupon below and fax it to 22428148. Complete details on ACI Chapter affiliation will follow immediately.

Send the fax to ACI Kuwait Chapter

Name: _____

Company: _____

Fax or Address: _____

The opinions expressed in Concrete News are those of the authors and do not necessarily reflect the views of ACI-Kuwait Chapter.

Shamshad Alam



Shamshad Alam is a structural engineer by profession. He has graduated in Civil Engineering from one of the most prestigious universities of India 'Aligarh Muslim University' in 1988. He obtained Master Degree in Structural Engineering from the same institution in 1992. He launched his professional career as a Design Engineer with a reputed Consulting firm in the field of Structural Consultancy and Construction Planning 'M/s Engineering Projects Consultants' in India. He came to Kuwait in 1994. He has worked with leading Consulting Offices in Kuwait 'M/s Gulf Consult' and 'M/s SSH International Engineering Consultants (previously known as Salem Al-Marzouk and Sabah Abi Hanna)'. At present, he is employed with Oil Sector Services Company (subsidiary of Kuwait Petroleum Corporation), and is working on secondment for Engineering Group-Design Team of Kuwait Oil Company (KOC).

Professional Experience

Shamshad Alam has twenty-two years professional experience in the field of Structural Engineering encompassing Structural Analysis, Design and Rehabilitation Works of Concrete and Steel Structures. He has played leading role in structural design of various Commercial, Institutional and Industrial projects. The first project handled by him in Kuwait was 'Renovation of Sief Palace building in Amiri Diwan', as this building was damaged due to fire during the Iraqi invasion. He has also been involved in design of various other projects, some of them are 'Rehabilitation of main Dome and its associated structures in Bayan Palace, BMW/Rover Car showroom, Multistoried Car Park with underground Tunnel structure for Public Institution for Social Security building, InterContinental Hotel in Tirana-Albania, I-max theatre at Kuwait Scientific Centre, Marine Science College in Kuwait University, Kuwait Cement Factory and Equate projects etc'.

Professional Affiliations

- Member of Kuwait Society of Engineers
- Member of American Concrete Institute - Kuwait Chapter
- Member of Institution of Engineers, India – Kuwait Chapter as well as Parent body.
- Authorized by the Kuwait Municipality to sign Structural Drawings

Family

Shamshad Alam is married with Two Children- Mohammad Ahsan (12 Years) and Mohammad Umair (8 years).

Hobbies

Games, Social gathering and Intellectual discussions.

Technical

Seminar on:

Enhancing Performance of Concrete with Admixtures



ACI

Kuwait chapter in Co- operation with Specialities Construction Chemicals Factory (ASPEC) conducted a Technical seminar on "Enhancing Performance of Concrete with Admixtures". The seminar was conducted at M/s Alghanim Specialities Auditorium in Shuwaikh on 8th December 2010. The speakers were Dr. Tania Risson – Technical Application Manager Construction Europe, from Borregaard Lignotech based in France and Mr. Deepak. S. Kanitkar, Technical Manager – Specialities Construction Chemicals Factory (ASPEC). Almost 100 persons representing Ready Mix concrete companies, Ministries, Consultants, Academicians and contractors attended the event



Technical Activities



Technical Activities

Training Course

Repair of Concrete Structures

The ACI-KC arranged One day course under the title of **Repair of Concrete Structures**, Which was sponsored by the Chapter. The course was aiming on

- Repair and Rehabilitation Process
- Concrete Problems in the field including corrosion of steel
- Inspection and Evaluation to assess status of infrastructure
- Principles of Rehabilitation and Strengthening
- Conventional Repair Materials, Techniques and Placement
- Repair Design using Composite Materials according to ACI code
- Case studies and development of rehabilitation strategies

Course Instructor was Dr. Khaled Soudki Professor and Canada Research Chair in Innovative Structural Rehabilitation in the Department of Civil and Environmental Engineering at the University of Waterloo. Dr. Soudki is recognized as an international leader and a world-renowned expert in the rehabilitation of structures. He is listed in Canadian Who's Who. His research and teaching contributions over the last 20 years have been in the field of reinforced and prestressed concrete structures with emphasis on the use of fibre reinforced polymers (FRP). He has published over 250 research publications in the literature of structural rehabilitation and prestressed applications. Dr. Soudki has held visiting/academic appointments at Queen's University in Kingston, Royal Military College of Canada, American University of Beirut, and Swiss federal laboratory for material testing (Empa). He was also the founding Dean of Engineering at the American University in Dubai, UAE.

The Course took place on 24 March 2011 at Holiday In, Salmia.





Technical

Post Tensioned Concrete Seminar

The ACI Kuwait Chapter in association with CANAR trading & contracting company and OVM Post Tensioning systems organized a seminar on post Tension slabs design and advantages on the 1st of May 2011. This Seminar was held at the Palms Hotel in Bidaa and it was presented by Dr. Amr Ali Abdelrahman the Professor of Concrete Structures at the Ain shams University (Cairo, Egypt). An introduction to the differences between pre-stressing and post stressing was outlined at the beginning of the seminar by the presenter. This was followed by a detailed presentation about the material properties in post tension slabs, the design

and the different Construction Aspects and applications in the post tension systems. Before ending the seminar the presenter had a chance to highlight the different advantages of the post tension systems by presenting 3 different live models that enabled the designers, contractors and structural engineers to see how this system added further value to their projects whether by allowing shallow structural depths, or bigger column-free spans, or less concrete, or reduction in the foundations loads, or even better deflection controls and better crack controls.



Activities



Annual Dinner



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he American Concrete Institute- Kuwait Chapter's (ACI-KC) annual dinner was graced by its members and distinguished guests and friends. The event was organized by its Social Committee and launched by a welcome speech by the committee's chairperson Ms. Dana Drobiova, followed by a speech from ACI-KC president Dr. Moetaz El-Hawary where he briefed the audience with the upcoming year plan of the institute.



v i t i e s



The specialty of the event this time was five questions of 'whose-most' from the attendees!. Five winners got a KD20 each. Ms. Drobiova wished a more productive upcoming year for the institute and its members. The event was then wrapped up by buffet dinner. The annual dinner event took place on December 21, 2010 at Holiday Inn-Salmiya Hotel.

CAMP DAY



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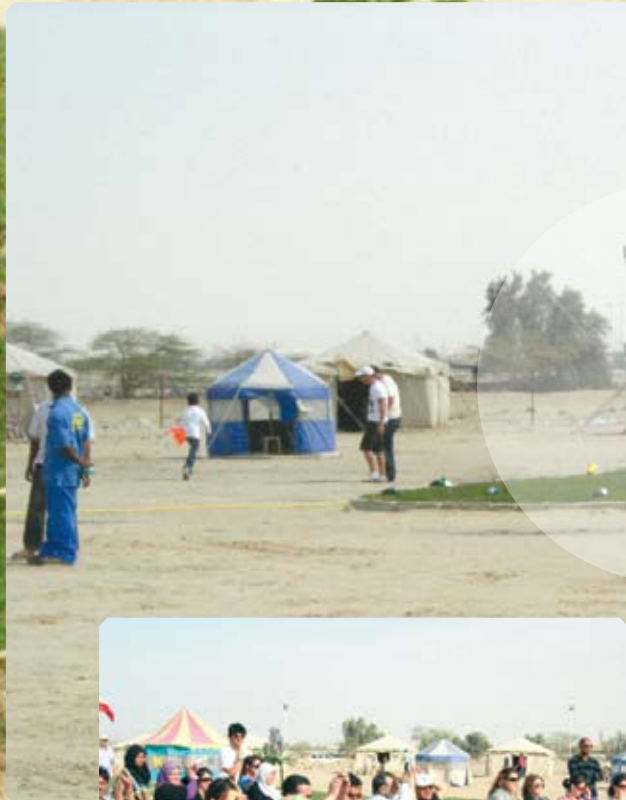
he ACI-KC social committee successfully organized the first fun social camp on Friday March 18, 2011. The camp, which was held at the Ministry of Defense camp in Al-Shuaibah, started at 10:00 AM and included games and competitions for both kids and adults. The members and their families enjoyed the tasty meals served during the camp which lasted till 7:00 PM.

The camp was a good opportunity for our members to meet and network with new engineers in the industry and for their families to meet other members families. A draw on the members' tickets at the end of the day was exciting as many of the members and their families were lucky enough to go home with nice gifts and great memories to share with friends.





ACI families fun events inside the
ministry of defence camp in
Al-Shuaibah area.





Social Activities

JABER AL AHMAD AL JABER AL SABAH HOSPITAL

Site Visit:

SOCIAL

The social committee of the American Concrete Institute Kuwait Chapter organized a visit to the largest number of beds hospital in Kuwait “Jaber Al Ahmad Al Jaber Al Sabah Hospital” on Saturday, 27th November, 2010. A good number of ACI-Kuwait Chapter members joined the field visit (about 20-25 members).

A brief presentation was made by Foreign Consultant’s (Langdon Wilson Int.) representative Mr. Sandy Macmillan. After that a detailed presentation was made by the Contractor’s Project Engineer Mr. Serry Sulaiman explaining the project construction activities specifically the Diaphragm walls. He discussed the different problems he faced in starting and executing the work and the ways in which he solved the same.

A site visit was arranged after the presentation during which the Contractor’s Project Manager Mr. Serry Sulaiman explained different activities which are going on at the site and provided satisfactory responses to the questions raised by ACI-Kuwait Chapter members.

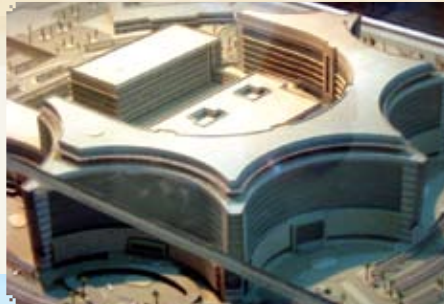


SOCIAL



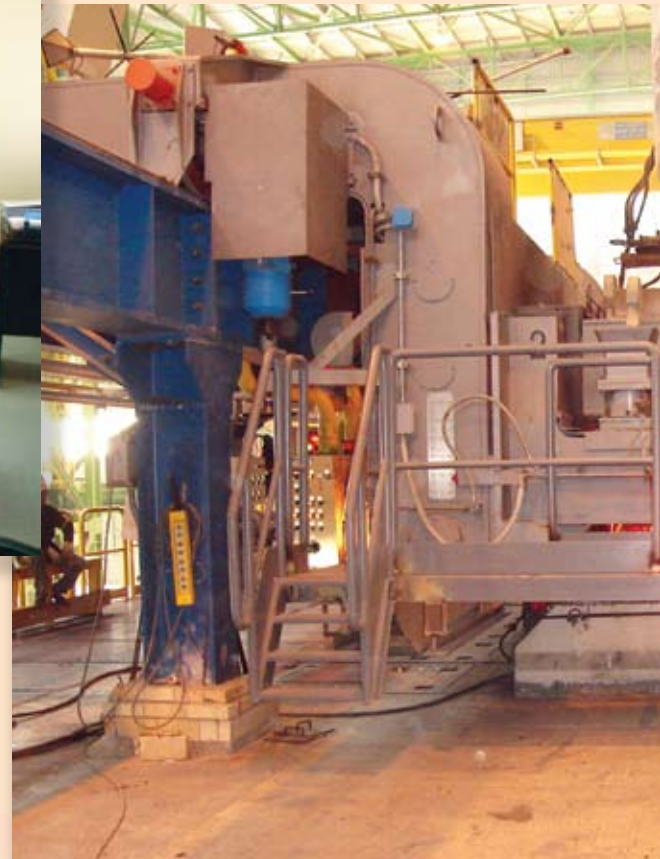
The ACI-Kuwait Chapter would like to take this opportunity to thank MPW Project Manager, the Gulf Consult / Langdon Wilson Int. and the Kuwait Arab Contractors for all their efforts that made this visit successful and very informative.





Social Activities

Site Visit - UNITED STEEL FACTORY



The social committee of the American Concrete Institute Kuwait Chapter organized a visit to the United Steel Factory on Saturday, 29th January, 2011. A good number of ACI-Kuwait Chapter members joined the visit (about 15 members).

A brief presentation was made by the plant engineers, who explained the factory process. Then the factory visit was arranged in two groups during which the engineers explained various processing methods which are going on in the factory and provided satisfactory responses to the questions raised by ACI-Kuwait Chapter members.



Social Activities



The ACI-Kuwait Chapter would like to take this opportunity to thank the United Steel Factory for all their efforts to make this visit successful and very informative.

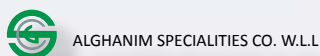


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ACI UPRESS



في خلال فترة (تصوير: محمد أمين)

منزهن لهم بشر وإجراءاتهم ستكون تحت التاثير، فقد تم اختيارهم وإدراجهم انتماءات سواء في الجهة الحكومية المعنية أو القطاع الخاص المعين أو جهات أخرى. وقال الزائر قانون لجنة المناقصات الحالي لا يمكن الاعتماد والتعويل عليه ولا يستحق أن يستمر خاصة في ظل خطة تنمية وميزانية ضخمة تقدر بـ 37 مليار دينار، مشدداً على كيفية توزيع مشاريع الخطة في ظل القانون الحالي خصوصاً أنه قانون قديم ومتهترئ لقانون المناقصات الحالي.

المنفذ حتى توجد القاعدة التشريعية للخطة. وقال أن مبدأ الشفافية في القانون السابق (الساري حالياً) معدوم، مبيناً أن اللجنة اجتمعت مع الحكومة 9 مرات لمناقشة القانون ومع مجموعة من الأشخاص من كان لديهم الاهتمام بالمشروع، مشيراً إلى انعدام مبدأ إعطاء الفرصة للمقدمين وعدم وجود الأولوية للجهات المتقدمة. ونوه إلى إمكانية التأخير على قرارات أعضاء لجنة المناقصات، مشدداً على ذلك بأنه ليسوا بملائكة أو أنبياء

شفافية وتقييم - بسطاء قراراتها من القانون الجديد سيتم - بالاعلان عن مبررات ما - ما يخص بترسية المناقصات - هناك نوع من عدم الرضا في ما يخص هذا القانون، وأصبح من أن تقدمت الحكومة بهذا القانون سائها في ظل الخطة التنموية

المعهد الأميركي للخرسانة يقيم مؤتمره الدولي الثالث في 2012

«كود» الرسمي لدولة الكويت وأوضح الهواري أن معهد الخرسانة الأميركي فرع الكويت يعمل على تقديم وتطوير صناعة الإنشاء من خلال الاعتماد بالاعتماد عليها من المواصفات العلمية والثقافية والاجتماعية حيث يقوم المعهد بتقديم عدد من اللقاءات العلمية والمحاضرات العامة والدورات التدريبية من أجل ربط العاملين بصناعة الإنشاء بأحدث الأبحاث والتقنيات العلمية والتطبيقية. لافتاً إلى أن المعهد يقوم كذلك بنشر مجلة دورية تحتوي على أنشطة المعهد مع مقالات علمية وتقنية، إذ قام المعهد بنشر عدد من الكتب العلمية تهتم بخصوصيات عمليات البناء وإصلاح المباني في دولة الكويت وذلك بالتعاون العربي والإنكيزية.

لمختبرات الخرسانة في الشرق الأوسط وبالأخص في الإمارات، وكان قد ترأس المؤتمر الدكتور ناجي المطيري، إذ تم فيه تقديم 32 ورقة علمية من 13 دولة وحضره عدد كبير من المهتمين بقطاع الإنشاءات. وقد شكل وقتها فرصة لتبادل المعلومات والخبرات. وكان له أبلغ الأثر في تطور وتقديم صناعة البناء في دولة الكويت، كما عقد المؤتمر الأول عام 2003. وبين الهواري أن معهد الخرسانة الأميركي - فرع الكويت والذي تأسس في عام 1998، يعد تجمعاً مهماً لا يهدف للربح، ويرتبط علمياً ومهنيًا بمعهد الخرسانة الأمريكي بالولايات المتحدة الأمريكية مشيراً إلى أنه يعتبر «كود» البناء التابع لمعهد الخرسانة الأميركي

أعلن المعهد الأميركي للخرسانة - فرع الكويت عن إقامة مؤتمره الدولي الثالث برئاسة وزير الأشغال العامة وزير الدولة للشؤون البلدية الدكتور فاضل صلي، وذلك خلال الفترة من 26 إلى 28 مارس المقبل 2012 بالتعاون مع شركة سيمافيل للمؤتمرات. وقال رئيس المعهد الدكتور معزز الهواري في تصريح صحفي، إننا سنقدم خلال هذه الدورة أوراق عمل جديدة خاصة بقطاع الإنشاءات وذلك عبر مشاركة العديد من الجهات المحلية والدولية في المؤتمر يتم فيها تبادل الخبرات والتعرف على أحدث ما وصلت إليه هذه الصناعة من تقنيات. وأضاف الهواري قنما يعد مؤتمره الدولي الثاني عام 2007 بعنوان التصميم والاستدامة



برعاية وزير الأشغال «الأميركي للخرسانة» يعقد مؤتمره في مارس 2012

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الإسلامي للتنمية» يشارك في مؤتمر التمويل للمشاريع التنموية

دع مدير عام المؤتمرات والاعمال بطريق مجموعة قريش والاعمال من مكتب الإسلامي في الكويت إلى مركز مالي وتجاري للتمويل، لدفع عملية التنمية الاقتصادية على الأقدام على الخطى الجارية في الكويت. وقال مدير عام المؤتمرات والاعمال من مكتب الإسلامي في الكويت إلى مركز مالي وتجاري للتمويل، لدفع عملية التنمية الاقتصادية على الأقدام على الخطى الجارية في الكويت. وقال مدير عام المؤتمرات والاعمال من مكتب الإسلامي في الكويت إلى مركز مالي وتجاري للتمويل، لدفع عملية التنمية الاقتصادية على الأقدام على الخطى الجارية في الكويت.



الطاقة الكهربائية

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Kuwait Chapter

ACI-INTERNATIONAL

The American Concrete Institute (ACI) is a nonprofit international organization that promotes improved technology, technical competence, design and construction related to concrete for the benefit of society.

OBJECTIVES OF THE ACI KUWAIT CHAPTER

The primary objective of the chapter is to further the chartered objective for which the American Concrete Institute was organized i.e., to further education and technical practice, scientific investigation and research by organizing the efforts of its members for a nonprofit, public service in gathering, correlating, and disseminating information for the improvement of the design, construction, manufacture, use and maintenance of concrete products and structures.

HOW THE CHAPTER FUNCTIONS

The ACI Kuwait Chapter is approved and authorized by the Board of Directors of ACI International to provide the means of furthering the chartered objectives of the Institute in the State of Kuwait. The chapter is managed by a local Board of Directors whose members constitute the Chapter officers. Chapter membership is open to all individuals and organizations with avid interest in any aspect of concrete technology. The chapter is operated through its committees which are made up of volunteers from the membership. Programs are developed by the committees to meet the needs of the Chapter members. The Chapter may hold several meetings each year and engage in activities that may include the following:

- Sponsoring educational seminars, short courses or workshops.
- Holding or sponsoring certification training courses and examinations.
- Publishing technical information and newsletters.
- Conducting awards, programs for local concrete structures.
- Holding of special social events.

CHAPTER MEMBERS' Activities

Attendance to seminars, short courses and workshops organized by the Chapter at reduced fees is encouraged. Free use of ACI publications, which are supplied to the Chapter by ACI International and are kept in the Chapter library offered. A forum for members to interact with colleagues and identify potential sources for cooperation in addressing specific technical problems is open to all chapter members.

HOW TO JOIN THE ACI - KUWAIT CHAPTER

To become a member of the Kuwait Chapter, please complete the attached membership application form. Different categories of membership are available. You will receive a copy of the Chapter Bylaws upon becoming a member. The work of the ACI Kuwait Chapter is a mutual effort, and success depends upon your active participation.

MEMBERSHIP APPLICATION

Photo

First Name

Middle Name

Surname

الاسم الأول

الاسم الثاني

اللقب

Employer/Organization: _____ Corporate Title: _____

Address: _____

Telephone No.: _____ Mobile/Pager No.: _____ Fax No.: _____ E-mail: _____

Categories of Membership

Please check the category of membership you are applying for and provide the appropriate dues as described below:

- ☐ Organizational: KD 100/Year (A fir, corporation,agency of government,society,etc.)
☐ Individual: KD 15/Year (A person who is a member of ACI International)
☐ Affiliate: KD 15/Year (A person who is not a member of ACI International)
☐ Student: KD 5/Year (Full time student at an Educational Institution)

Member Profile Information (Please check only one box in each section)

- | | | |
|---|---|--|
| ☐ Officer, Top Management | ☐ Engineering Services | ☐ Testing Laboratory |
| ☐ Administrative, Operating Management | ☐ Constructing Services | ☐ Quality Control |
| ☐ Plant, Production & Construction | ☐ Architectural Services | ☐ Research Services |
| ☐ Design Engineering Management | ☐ Management | ☐ Concrete Products |
| ☐ Architectural Engineering Services | ☐ Design Engineer | ☐ Educators |
| ☐ Chemicals and Allied Products | ☐ Material Engineer | ☐ Educators |
| ☐ Constructons Machinery and Equipment | ☐ Plant Engineer | ☐ Student |
| ☐ Concrete Block and Brick | ☐ Research Engineer | ☐ Utility |
| ☐ Ready Mixed Concrete | ☐ Sale and Marketing | ☐ Government |
| ☐ Educational Institutions | ☐ Technical Specialist | ☐ Other (Psease especify) |

Are you Interested to joint ACI Chapter Committee? () YES () NO

Method of Payment

- ☐ Cash ☐ Cheque (Payable to ACI-Kuwait Chapter)

Reciep No. _____

Receipt No. _____

- ☐ Money Transfer (Payable to ACI - Kuwait Chapter, Account No. 06655310 with The Gulf Bank)

Transaction No. _____

For ACI - Kuwait Chapter Use Only>

☐ Member No.: _____ Date.: _____

Detailed Information Please Contact:

ACI Kuwait Chapter - P.O. Box 12608, Shamiah 71657

Tel.: 2449071, 2448975 Ext.: 24288148, E-mail: info@aci-kuwait.org

www.aci.kuwait.org

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