

“The role of Qatar society of Engineers in promoting the Engineering profession in the state of Qatar”

Presented by

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Qatar society of Engineers

- Introduction

- Engineering profession in Qatar (*General*)

- Qatar society of engineers
 - Forum of Qatari engineers
 - Qatar society of engineers

- Conclusion

➤ Introduction

- Qatar is one of the Arabian Gulf Cooperation Council countries ,formed in 1981
- Area of Qatar is approx. 11,400 square km
- Population of Qatar is approx 1,500,000
- Main income of Qatar is Oil and natural gas
(60% of GNP)

- Expected growth of Qatar to be 15%-2008
- Expected government expenditure on infrastructure to be 140 Billion dollars From 2007 till 2011 According to HSBC Financial report . Expenditure will be on real estate , Energy , water , new airport , Roads , ports etc.

➤ Engineering profession in Qatar (General)

- Nos. of Qatari Engineers approx.2000
- Most of Qatari Engineers work in government and Semi government organizations such as (oil and gas and related companies).Few Qatari engineers work in the private sector such as consulting offices, Banks, Contractingetc

- They are few engineering schools in Qatar such as (Qatar University , Texas A/M University-Qatar chapter, Carnegie Mellon University)
- Most of Qatari Engineers have been educated abroad (USA, UK, Arab countries and Australia)
- Regulation of Engineering practice started in Qatar during the 70's

- All Engineering consulting offices were required to register in the planning department at the Ministry of Municipal affairs
- Roles and regulations were not strict at that time (only few engineers were required with Submission of a lay-out plan, and a municipality permission)
- These roles and regulations lasted For along time with Some additional roles and laws From the Municipality From time to time

- A new regulation was issued by an Emir decree in the year 2001 which was more detailed and insisted on having a Qatari Engineer managing the Engineering office
- Due to the shortage of Qatari engineers and others , This new regulation did not work smoothly
- A new regulation law was issued which is law No(19) of 2005 "Regulating The Practice of Engineering profession" which is still valid until now

- In Summary, To practice this new law a committee consisting of 10 members was Formed representing different government organizations and private sector (8 government +2 private consulting offices). The committee comes under Urban planning and development Authority . It meets once weekly . There are three registration records at the Committee, They are: Engineers record , local consulting offices record and international consulting offices record . All engineers willing to practice engineering works in consulting office must register at the committee

All Engineers must submit their credentials such as Certificates and Experiences and Set for an interview with the Committee . There are other roles and requirements for the office such as nos. of engineers, size of office And others

- There are about (80 nos.) local consulting offices and (33 nos.) international offices

➤ Qatar Society of Engineers

- This Can be divided into two periods

❖ The Forum of Qatari Engineers

- Due to the lack of law permitting the Formation of such professional organizations, This forum was Founded
- This Forum played a great role in representing engineers in the country

- It established good relationships and contacts with local government organizations, and Engineering societies and associations in the Gulf and the Arab world
- The Forum involved in the community by organizing monthly technical Seminars and meetings
- organized professional training courses For engineers in all disciplines

- Visiting high school students to encourage them to choose engineering as a field of study (by lecturing)
- Organized the sixth Engineering conference For G.C.C Countries in 2003 under the title " promoting the Engineering profession in the G.C.C countries " where professional issues were discussed Such as ethics, engineering education , training and development of the Engineeretc . The Forum prepared the " Code of ethics " which is now applied within the Gulf engineering societies

❖ Qatar Society of Engineers

- Due to an Emir decree law No(12) of 2004 permitting the Formation of professional and private Societies
- Qatar Society of Engineers was registered on 27/01/2007 at the Ministry of labor and social affairs
- The Society held It's First election on 13/06/2007 .
Nine members were elected For the board

- It has about 120 members up to now . Membership to the Society is going on
- Objectives of the Society are Sharing in the urban construction and industrial development in the country, protecting the rights and interests of engineers , regulating the engineering practice and raising it's standards, building relationship between local engineers and their partners in the Arab world and other countries, encouraging research and setting up engineering standards with engineering organizations,

Solving dispute problems between engineers, or engineers and their clients in regard to engineering works, training And development of Engineers in the country

- The society is a member of the Gulf Engineering Union (previously the Forum of Gulf Engineers, Founded in 1997)
- It is an Observer member in the Arab engineering Association

- The Society was part of the constituent team For the Engineering program at Qatar University by ABET
- The Society established good relation ship with government and private organizations in providing their engineers with professional engineering training courses
- The Society is participating in local and international engineering conferences and exhibitions

- Members of the Society participate in lecturing at Qatar University and high Schools
- The Society will organize the 12th G.C.C conference in Qatar on "The Gulf Engineer and challenges of sustainable development" on the month of October of this year (2008), where different Engineering issues related to Sustainable development will be presented. papers will be presented and key note speakers will talk during the Conference period

➤ Conclusion

- Registration of all engineers
- Regulation of the Engineering profession
- Setting in government technical Committees
- providing professional training and development for all engineers

- Establishing continuous relationship with government organizations and private sector
- Providing consultancy Services for public and government institutions
- Playing a greater role in the development of the country