



ASHRAE QATAR ORYX CHAPTER

Advancing HVAC&R to serve humanity
and promote a sustainable world

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DECEMBER 2011



Hassan Sultan
Newsletter Chair
President 2011-2012
ASHRAE Qatar Oryx

President Message

Qatar National Day emphasizes the identity and history of the country, embodies the ideals and aspirations that the country was founded on and pays tribute to the men & women who participated in building the nation, December 18 is the day Qatar remembers how their national unity was achieved and how it became a distinct nation.

For the records of history, Qatar national day is intended for recognizing, celebrating and maintaining knowledge and appreciation of Qatar's heritage and pride for generations to come.

ASHRAE Qatar Oryx Chapter celebrated Qatar national day in cooperation with Qatar Society of Engineers to express our feelings of being part of the Qatari society and to share with the Qatar people this occasion which is the national commemoration of Qatar's unification and prosperity.

We look forward to see Qatar reach high levels of achievements on their way for green buildings, energy efficient projects and forming the Qatar energy law.

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133rd
National Day of
QATAR

Together
we celebrate

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ASHRAE QATAR CELEBRATED QATAR NATIONAL DAY

The ASHRAE Qatar Oryx Chapter celebrated Qatar national day in cooperation with Qatar Society of Engineers on December, 20th, 2011 at Millennium Hotel.



**OFFICERS AND BOG
OF ASHRAE QATAR
ORYX CHAPTER AND
THEIR FAMILIES**



**CELEBRATED THE
QATAR NATIONAL
DAY**





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VALUE ENGINEERING PROCESS



Hisham Hajaj
Vice President 2011-2012
ASHRAE Qatar Oryx Chapter

General: Value engineering is “a creative, organized approach, whose objective is to optimize the life cycle cost and/or performance of a facility”. To present a clear description of our assessment of the project in terms of cost and energy usage, and the approach that we applied to the study, we have outlined the procedure followed for the study.

A multi-discipline teams will be formed to analyze the project documents utilizing applicable value engineering techniques. It is the objective of each team to analyze their project area, figure out high cost areas, recommend alternatives and estimate initial and life cycle costs, whenever significant, for the original system and for each proposed alternative. Also, other evaluation criteria to be used to assure the proposed recommendations doesn't sacrifice essential functions and timely completion of the project.

Pre-study: Upon receipt of the project documents namely selected plans, design and contract documents, the Value Engineering members of the **VE** Team will start reviewing the documents and develop an estimate to better reflect the needs of the **VE** Workshop. Also, to generate a list of equations and ideas to be reviewed during the formal workshop.

VE Workshop: The **VE** Teams, under the guidance of the CVS Team Leader, analyzed the project documents submitted including plans, cost estimate, design reports and contract documents. The general format is the Team Leader to conduct a presentation, followed by discussions, then team application. The **VE** study then will be organized into seven (7) distinct phases comprising the **VE** Job Plan: (1) Information phase; (2) Function Analysis; (3) Creative phase; (4) Evaluation phase; (5) Development phase; (6) Presentation phase and (7) Implementation & Follow and reporting phase.

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APPEARING ON ASHRAE ORYX
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ASHRAE SEMINAR

Topic: Understanding Pumps– Sizing, Selection and Applications

Presented By: Mr. Adonis Layyous

Sponsored By: M/s. Engineering Fluid Solutions (EFS)

Date: December 10th, 2011

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