

VALUE ENGINEERING

Training Workshop

18-22 JUNE 2012

GTOWER HOTEL, KUALA LUMPUR

SAVE International APPROVED VALUE ENGINEERING COURSES. MANDATORY FOR Certification in Value Engineering.

MODULE I

WHAT IS VE/VM ... TVM ?

Value engineering (VE) is a methodology that is known, accepted and has an impressive history of improving value through customizing Quality and optimizing Life Cycle Cost (LCC). VE is an organized process that has been effectively used by a wide range of companies and establishments to achieve their continuous goals. The success of the VE process is due to its ability to identify opportunities to remove unnecessary costs while assuring quality, reliability, performance, and other critical factors that meet or exceed customers' expectation. The improvements are the result of recommendations made by multi-disciplined teams from all concerned parties.

Total Quality Management (TQM) "has been recognized and implemented by industries and governments all over the world as the management system which lead us to prosperity. TQM is a group of thoughts and principles that consists of series of methods, techniques and tools. TQM can be defined as "A cooperative form of doing business that relies on the capabilities of both labor and management, using teamwork, to continually improve quality, economy and productivity to complete satisfaction of the customer".

Value Engineering and Quality

Unnecessary costs do exist in both private and public organizations due to so many factors such as lack of information, lack of ideas, temporary circumstance, honest but wrong beliefs, habits and attitudes, changes in owner requirements, lack of communication and coordination, and out dated or unsuitable standards, codes and specifications.

These factors act as roadblocks to getting good value. The best way to overcome these roadblocks is by using the VE/TQM team approach. Individual efforts can be costly and inefficient. Management has learned that by involving more of their organization in the decision making process, significant improvements can be realized. The quality revolution has demonstrated that waste and inefficiency are unacceptable anywhere in the organization. Therefore, managing value and change is necessary to meet this difficult challenge. Many characteristics of unacceptable qualities can be traced back to the approach taken during the design and management process. Application of Value Engineering with the TQM approach will more closely achieve the desired concept as a totally integrated effort toward improving performance of every process at every level.

Value engineering can improve decision-making that leads to optimal expenditure of owner funds while meeting required function and quality level. VE is a methodology that is comprised of many useful techniques that create change on purpose rather than letting change happen accidentally.

BEM CPD Points are Claimable

Objective & Benefits

- Define quality for your business
- Apply Value engineering for your projects
- Avoid unnecessary cost
- Use and benefit from function analysis
- Scientifically compares and chooses between alternatives
- Use Weighted Evaluation Matrix (WEM)
- Integrate VE within the design process
- Develop a systematic approach to avoid unnecessary cost
- Develop and effective team
- Integrate TQM into your organization
- Integrate VE within the design process
- Integrate VE with TQM
- Enhance the relationship between your employees and your customers
- Identify the similarities and differences between VE and Reengineering
- How to implement ISO 9000 at your organization
- Learn and make use of the Seven Habits of Highly Effective people
- Differentiate between VE and other quality improvement techniques

The Speaker



Adulaziz is the founder and owner of the first Value Engineering office in the Arab World. He is a C Value Specialist for life (CVS-life) from the Society of American Value Engineers (SAVE International). He is a member of SAVE International Certification Board: The international Value Engineering Certifying Body. He is a Board Member of the Saudi Council of Engineers. He served in the past: as the president of The SAVE International- Arabian Gulf chapter; the General Secretary of the Saudi Council of Engineers and the Vice president of Gulf Chapter of

Project Management institute (PMI-AGC). He has over 28 years experience in Value Engineering (VE), Life Cycle Costing (LCC), Project Management and Design Reviews of large-scale projects. He participated and led more than 300 VE Workshops in Construction, Oil & Gas, Industry, Operation & Maintenance and management processes. He lectured on VE, Project Management, and LCC in more than 250 training seminars and workshops. He has done these VE Services with many distinguished clients, such as: Saudi Aramco, Royal Commission of Jubail & Yanbu, SABIC, Saudi Electric Company, Dubai Municipality, Saudi Ministry of Defense, Saudi Ministry of Municipality, UAE Ministry of Public Work, Bahrain Engineering Society, UAE Engineering Society, Kuwait engineering Society, Saudi Arabian Engineering Council, Forum of Qatar Engineers, and other private companies in Saudi Arabia and the Gulf countries. He is the founder of the newly acclaimed quality improvement methodology that is called "Total Value Management (TVM™)". He presented many papers at the PMI, ASCE, SAVE, SJVE and IEEE conferences. He has specialized in computer applications in Value Engineering and Project Management. He wrote the first VE book ever written in Arabic titled Value Engineering: Concept and Techniques. He Holds BSEE (Arizona State University, 1982) and MS (State University on New York at Albany, 1987) degrees in Electrical Engineering and Project Management. Abdulaziz is currently acting as the Secretary General of the Saudi Council of Engineering. He is a member of SAVE, IEEE, PMI, ASHRM, ASQ, Saudi Quality Counsel, Saudi Engineering Committee and Saudi Computer Society.

REGISTRATION FORM

Surname : (Prof/ Assoc. Prof/ Dr/ Mr/ Mrs/ Ms)
 Name : _____
 Designation : _____
 Organisation : _____
 Mailing Address : _____

 Postal Code : _____ City : _____
 State : _____
 Tel : _____ Fax : _____
 H/P : _____ Email : _____

PARTICIPATION FEES MODULE I (Please select)

Workshop Package	Fees	Selection
Local	RM 4,000	()
International	USD 1,500	()

Fees covers course materials, participation in technical sessions, 2 coffee breaks and lunch during sessions. Certificate of attendance shall be given.

METHOD OF PAYMENT

Cheque/Money Order/Bank Draft/LO made payable to
Name: VALUE MANAGEMENT ACADEMY
Bank Name: Malayan Banking Berhad (Maybank)
Account No. : 5 6 2 1 0 6 7 2 4 9 7 5
 for the amount of RM _____.

Cheque/Money Order/Bank Draft/LO No. : _____
 Bank/ Company : _____

[I understand that the fee is NOT REFUNDABLE if I withdraw after my registration is accepted by the Organising Committee BUT substitution of participants will be allowed. If I fail to attend the Course, the fee paid would not be refunded.]

Signature : _____

Module I: 40-Hour VE Training workshop

SAVE International Requirements 5-Day (40-Hour) VE Training Workshop Approval # 201004800

Seminar Curriculum: This is a practical course where we apply the VE Methodology to a live project during the course.

-Introduction and History of Quality and Value
 -Value and Quality concept.
 -Reasons for unnecessary cost.
 -Define Quality and value
 -Why Value Engineering
 -Information Gathering and scope defining
 -Workshop (Information phase) **DAY 1**

-Function Analysis
 -Workshop (Function Analysis)
 -FAST Diagramming
 -Workshop (FAST) **DAY 2**

-Creativity, innovation and speculation
 -Team building
 -Road block to Creative & Positive thinking
 -Brainstorming
 -Workshop (Idea Generation)
 -Selection Criteria & Idea evaluation
 -Workshop (Evaluation) **DAY 3**

-Weighted Evaluation Matrix
 -Workshop (WEM)
 -Development Phase
 -Workshop (Development Phase)
 -Total Cost concept, Life Cycle Costing (LCC)
 -Workshop (LCC) **DAY 4**

-Presentation skills
 -Workshop (Presentation preparation)
 -Team Presentation
 -Implementing VE proposal
 -VE vs. Cost Reduction
 -Certification in Value Engineering
 -How to integrate VE into your organizational process
 -General discussion and closing remarks **DAY 5**

Please complete the form and send it by fax/mail/email to the Secretariat before **01 June 2012**.

Secretariat
Value Engineering Training Workshop
Housing Research Centre (HRC)
Level 10, Tower Block, Faculty of Engineering
Universiti Putra Malaysia
43400 UPM Serdang
Selangor, MALAYSIA.
 Tel : +603 8946 7849 / 7856; +603 5513 3791 (VMA)
 Fax : +603 8946 7869; +603 5513 3792 (VMA)
 Email : hrcfkupm@gmail.com; ruzlinah.vmacademy@gmail.com

OPTIONAL : PARTICIPATION IN AVS EXAMINATION

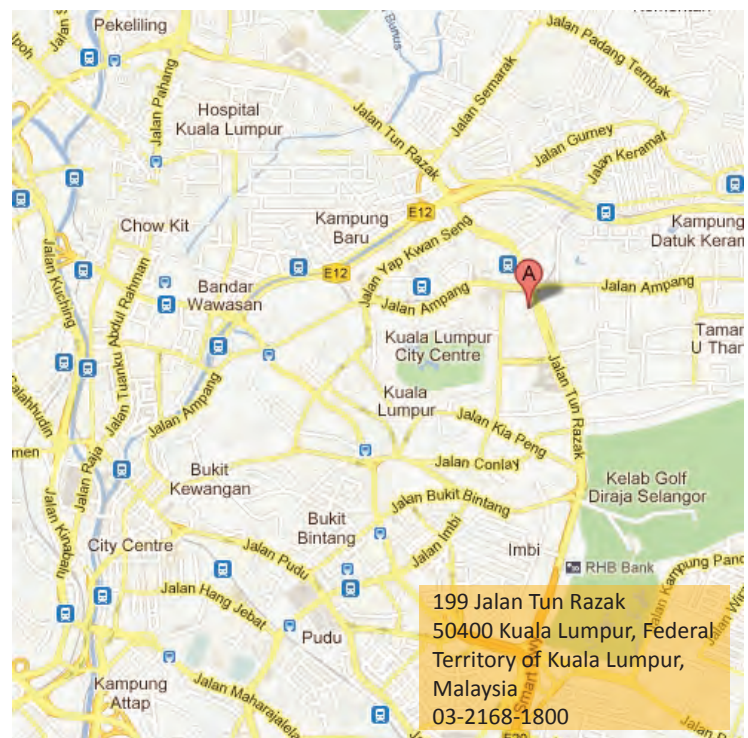
For those who are interested in taking the AVS Exam, The individual fees is USD 150 (please pay directly to SAVE International). We'll conduct the exam on the last day.

Joint Organizer:



GTower Hotel Location

Website: <http://gtowerhotel.com/>



199 Jalan Tun Razak
 50400 Kuala Lumpur, Federal
 Territory of Kuala Lumpur,
 Malaysia
 03-2168-1800