



香港品質學會

**Workshop
on
Body of Knowledge (BOK) for Quality Engineer**

**10 November – 15 December 2018
(Six 4-hour sessions on Saturdays)**

November 2018 Intake

**Jointly organized by
Hong Kong Society for Quality
American Society for Quality (Hong Kong)**

Web site: www.hksq.org
email: info@hksq.org

The Body of Knowledge for Quality Engineer provides useful guidance for candidates preparing to take ASQ's Certified Quality Engineer (CQE) Examination



Each participant will receive a copy of CQE Primer (890+ pages) and the CQE Exam CD (with 1,000 questions and solutions), June 2018 edition, published by Quality Council of Indiana, USA

Co-organizer:



Supporting body:



Objectives of the Workshop

Since 1968, more than 130,000 individuals around the world have become certified through American Society for Quality (ASQ) in recognition of their knowledge and proficiency in, and comprehension of, a particular quality area. The value of ASQ certification as perceived in the global marketplace is ever-increasing. Currently ASQ offers 17 certifications covering roles such as Manager of Quality / Organizational Excellence (MQ/OE), Quality Auditor, Quality Engineer, Master Black Belt, Six Sigma Black Belt, Reliability Engineer, Software Engineer, Pharmaceutical GMP Professional, and HACCP Auditor.

This Workshop is designed to review the basic knowledge and relevant techniques listed in the **updated** Body of Knowledge (BOK) of ASQ's (American Society for Quality) Certified Quality Engineer (CQE) Program*.

* The BOK of CQE was updated in 2016

On completion of this Workshop, participants will be more familiar with the knowledge and tools that are expected to be put to good use by an ASQ Certified Quality Engineer.

Theories will be brief. The emphasis of this Workshop is to highlight key areas of the knowledge domain and to develop effective test taking skills.

Outline of the Workshop

1. Management and Leadership

- Quality Philosophies and Foundations
- Professional Conduct
- The Quality Management System
- Leadership Principles and Techniques
- Facilitation Principles
- Supplier Relationship

2. The Quality System

- Elements of the Quality System
- Documentation
- Quality Standards
- Quality Audits
- Cost of Quality

3. Product and Process Design

- Design Inputs and Review
- Design Verification
- Reliability and Maintainability

4. Product and Process Control

- Material Control
- Acceptance Sampling
- Measurement and Test

5. Continuous Improvement

- Quality Control Tools
- Quality Management and Planning
- Continuous Improvement Methodologies , *Lean Tools*⁺
- *Risk Management*⁺

⁺ *New elements in the updated BOK*

6. Quantitative Methods and Tools (I)

- Concepts of Probability
- Collecting and Summarizing Data (*the graphic capabilities in MINITAB Release 18 Statistical Software for Windows will be demonstrated*)
- Probability Distributions
- Statistical Decision-Making

7. Quantitative Methods and Tools (II)

- Design of Experiments (DoE)

8. Quantitative Methods and Tools (III)

- Statistical Process Control (SPC)
- Analyzing Process Capability



* For information about the CQE Program, please visit ASQ's web site or click:

<http://asq.org/cert/control/quality-engineer/index>

Who Should Attend

This course is designed for quality managers and engineers who wish to obtain recognition as ASQ Certified Quality Engineer, or quality professionals who wish to refresh their familiarity with the concepts, methodologies and tools in the Body of Knowledge (BoK) for ASQ's CQE Certification Program.

The Quality Engineer examination is a one-part, 160 multiple-choice questions, five-hour examination administered in the computer-based testing mode. When taken in Hong Kong, the examination is in English.

Instructors

Dr. Albert Tsang
Mr. Y.C. Tsim

Authorized Trainers of
Hong Kong Society for Quality

Venue

TQM Training Room
11/F, Lockhart Centre
301 Lockhart Road, Wan Chai, HK

Date and Time

10, 17, 24 November 2018
1, 8, 15 December 2018
Six 4-hour sessions on Saturdays
All sessions start at 2:00 till 6:00pm

Certificate of Attendance

Participants with at least 70% attendance will receive a Certificate of Attendance

How to Apply for Enrollment

1. Complete the registration form and prepare a crossed cheque for the appropriate registration fees payable to "The Hong Kong Society for Quality Ltd." Fees paid are not refundable.
2. Send the registration form and the cheque to the following address:

Dr. Albert Tsang
Hong Kong Society for Quality
P.O. Box 84375,
Hung Hom Bay Post Office
Kowloon, Hong Kong
3. **Registration form should reach us before 6 November 2018**

Seats are limited and will be allocated on a first-come-first-served basis.

HKSQ reserves the right in cancellation (in such case, the paid fees will be refunded) and re-arrangement of the course details when necessary.

If You Have Questions

Call Dr. Albert Tsang at 9182-7810 by phone, or send email to info@hksq.org or dr.albert.tsang@gmail.com

***Registration fee per participant**

HK\$4,900 for HKSQ or ASQ members, and clients of TQM Consultants Co., Ltd.; HK\$5,200 for others. The registration fee covers a copy of CQE Primer, June 2018 edition, and the CQE Exam CD, both published by Quality Council of Indiana, USA.

* The registration fee of this Workshop does not cover the application fee for taking the ASQ CQE Examination.

Workshop on Body of Knowledge (BOK) for Quality Engineer

10 November – 15 December 2018

Past participants of this Workshop came from the following organizations:

Abbott Informatics	Mattel China Consultancy Service
ASM	Mattel Electronics Dongguan
Airline Mechanical	Mattel Foshan China
Alliance Boots Sourcing (HK) Ltd	Maxx Marketing Ltd
ASM Technology Hong Kong Ltd.	Merix Manufacturing (HK) Ltd.
Astec Power Supply	MICA-AVA (Far East) Industrial Ltd.
ATR Manufacturing	Molecu Technology Ltd.
Avio-Diepen Hong Kong Ltd.	Munchkin Inc
Avnet Technology HK Ltd.	NEC Platform Technologies HK Ltd.
Blackmajic Design	New a-ZKOT Ltd
Bridge Renewable Energy Technologies	Nike International
Bright Future Pharmaceutical Lab. Ltd.	Nissin Metal Plastic Mfg. Ltd. (SZ)
Calbee Four Seas Co. Ltd.	Ocean Grace Ltd.
Cargo Services Far East Ltd.	Parsons Brinckerhoff
Casio Computer	Philips Electronics HK Ltd.
Ceva Logistics Ltd.	Philips Respironics
CLP Power Hong Kong Ltd.	Providence Enterprise Ltd.
Cobot Plastics HK Ltd.	PVH Far East Ltd.
Compass Technology Co. Ltd.	QPL Limited
Continental Conair Ltd.	Recom Electric Co., Ltd.
Correctional Services Dept.	Regal King Manufacturing Ltd.
Elec & Eltek Multilayer	Rintoys Ltd.
Energizer personnel care	Samatelex Manufacturing Co.
Ewig Industries Co., Ltd.	Samsonite Asia Ltd.
Flextronic Ind.	San Miguel Brewery
Folungwin Automatic Equipment Co. Ltd.	Shenzhen Kaifa Technology Co. Ltd.
Fong's National Engineering Co., Ltd.	Sofeast Ltd.
Fujikon Industrial Co., Ltd.	Sonopress Par Asia Ltd.
Hallmark Card (HK) Ltd.	Specialized Technology Resources (HK) Ltd.
Hallyuen Holdings Ltd.	Sunbeam Int'l (Asia) Ltd.
Hasbro Far East Ltd.	TE Connectivity HK Ltd.
Helms-Man Industrial	Techtronic Industries Co. Ltd.
HiT Toys Ltd.	The Dow Chemical
Interquip Eler Co., Ltd.	The Marketing Store
Iten Industries	TQM Consultants Co., Ltd.
Jacobs China Ltd.	TTI
Jing Mei Group	TUV Rheinland HK Ltd.
Joker (Far East) Ltd.	UL International Ltd.
KABA Ltd.	VF Asia Ltd.
Leighton Contractors (Asia) Ltd	VF Asia Pacific Ltd.
Leo Paper Group	VF Corporation
Leung's Wai Ming (Holdings) Ltd.	Vitellic (Hong Kong) Ltd.
LGS Hong Kong Ltd.	Welch Food Inc.
Life Fitness Asia Pacific Ltd.	Wunsche HK Ltd
Logitech Hong Kong Ltd.	Yau Bon Chemical Manufacturing Co. Ltd.
Mattel Asia Pacific Sourcing Ltd.	



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on
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10 November – 15 December 2018**

(Deadline for registration: **6 November 2018**)

Registration Form



Mr./Ms.*: _____ (in Chinese) _____

* *Delete whichever is inappropriate*

Correspondence Address:

(Private email address)

(Telephone)

(Fax)

Company Name: _____

Position: _____

Department: _____

Company Address: _____

(Office email address)

(Telephone)

(Fax)

Please whatever is appropriate

Self-financed

Company Sponsored

HKSQ member

ASQ member

Membership N^o.: _____

TQM Client

Others

A cheque payable to “The Hong Kong Society for Quality Ltd.” for the amount of HK\$ _____ is enclosed. (The registration fee is HK\$ 4,900 for HKSQ / ASQ members, and clients of TQM Consultants Co., Ltd., HK\$ 5,200 for others. It does not cover the application fee for taking the ASQ CQE Examination.)

Signature: _____

Date: _____

Please send completed registration form with payment to:

Dr. Albert Tsang, P.O. Box 84375, Hung Hom Bay Post Office, Kowloon, Hong Kong
For enquiries, please call Dr. Albert Tsang at 9182-7810, or send email to info@hksq.org or dr.albert.tsang@gmail.com