

# CERTIFIED QUALITY SUPERVISOR



## Objectives

To provide participants with a well-rounded and comprehensive training in quality control. It also introduces participants to the concepts of reliability and maintainability as well as motivation and human factors.

## Duration

2 weekdays (Tuesday & Thursday) | 7pm to 10pm | 4 months | 101 hours

## Who should attend

Supervisors, Line leaders, Senior Technicians, Senior Inspectors.

## Entry Requirement

Diploma;  
"A" Level with 3 years working experience;  
"O" Level with 5 years working experience.

## Course Fees

Member: S\$2,297.70  
Non-Member: S\$2,757.24  
*Registration Fee of S\$17.28 and Exam & Certification Fees of S\$216 apply  
SDF funding & SkillsFuture applicable  
All fees stated are inclusive of 8% GST*

## Assessment Method

Written examination - held approximately 4 weeks from end of course



**SINGAPORE  
QUALITY  
INSTITUTE**



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## Course Contents

### Quality Control Concepts and Techniques

- The importance of quality
- TQC concepts
- Types of inspection activities
- Control of Non-Conforming Materials
- An Overview of ISO 9001:2015 QMS

### Quality Cost

- Concepts & Relevance of Quality Cost
- Elements of Prevention Cost, Appraisal Costs and Failure Costs

### Quality Auditing

- Types of Audits & Purposes
- Preparation and planning for Audit
- Performing the Quality Audit

### Motivation & Human Factors

- Motivation Theory & Techniques

### Fundamentals of Probability and Statistical Methods

- Industrial Statistics
- Sampling Plans and Distributions
- Statistical Inference
- Construction and application of Control Charts

### Blueprint Reading

- Geometrical Dimensioning & Tolerancing

### Metrology & Calibration

- Types of Measurement Characteristics
- Calibration Control System

### Reliability & Maintainability Concepts

- Failure models & predictions, MTBF, MTTF, MTTR, FMEA



Please refer to this URL  
<https://www.sqi.org.sg/courses/>  
or QR Code for soft copy  
and updated training schedule

### Membership Application

Register membership online at [www.sqi.org.sg/membership-join/](https://www.sqi.org.sg/membership-join/) or contact us to get the membership application form.

Membership Categories:

- ~ Organisation membership
- ~ Individual membership

Singapore Quality Institute (SQI) operates as a non-profit professional institute that promotes and advances excellence in the field of quality in Singapore; and actively champions quality initiatives in the region and around the world through networking and collaborating with other international quality organisations.

SQI is a World Partner of the American Society for Quality (ASQ); and a Board Member of both the Asian Network for Quality (ANQ) and the World Alliance for Chinese Quality (WACQ).

