Looking for a course that's fit for your learning and development needs?

Statistical Quality Control

Code: SQC   **Duration:** 16 Hours

Synopsis:

Statistical Quality Control (SQC) is a set of tools which may influence decisions related to the functions of the specification, production and inspection. These simple, but powerful tools have been widely used in many industries to improve quality and reduce costs. SQC is specially designed to equip supervisors, technicians and engineering staff with the various SQC tools and techniques for the purpose of improving quality and reducing costs.

Course Objective:

On completion of this course, participants will be able to apply suitable SQC techniques and tools to control and improve critical manufacturing processes at different phases of work problems. The focus will be on the interpretation of control charts for acceptable tolerant ranges in a process.

Course Outline:

This course will cover:
- Defining Quality
- Process Quality Achievement
- Nature of Variation
- Defining SQC; Aspects of Statistics
- Difference between Defect and Defective
- Acceptance Sampling; Defining Process
- The Seven QC Tools.

For Whom:

Suitable for Supervisors and Technicians.

Entry Requirements:

Participants are assumed to:

- Have a minimum secondary school education with Mathematics as a subject; or
- Be able to listen and speak English at a proficiency level equivalent to the Employability Skills System (ESS) level 5 and above;

- Be able to read and write English at a proficiency level equivalent to ESS level 5 and above; and
- Be able to manipulate numbers at a proficiency level equivalent to ESS level 5 and above.

Training Medium:

This course is conducted in English.

Training Methodology:

This course is delivered through lectures, group activities and demonstration.

Assessment Methodology:

Written assessment is conducted at the end of the course.

Certification:

A Certificate of Proficiency will be awarded to participants upon completing and passing the assessment. Otherwise, a Certificate of Participation will be issued to those who attained a minimum attendance of 75%.

Contact Us:

For further information or registration, please contact +65 6483 2535 or email emarketing@elitc.com

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