



Leading the Modern
Quality Movement in Pakistan

Statistical Process Control (SPC)



This course is useful for Managers and Engineers who are involved in Production, Quality Control, Quality Assurance, Sales and Marketing and other functions where there is a need to collect and analyze data.



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Statistical Process Control

Introduction

Problem solving and decision making are important skills required on daily basis for the better management of processes in the professional life. Statistical Quality Control tools are being widely used by the managers in the leading companies of the world for decision making by measuring, controlling and improving the quality of products, services and processes. Japanese dominance of the world market has been possible due to their reliance on these tools. Its main objective is to raise the skills and competence level of professionals so that they are in a position to fully understand the application of basic Statistical Tools to analyze problem, defects and errors, and identify root causes for implementation of corrective and preventive actions. This course will equip the participants with the skill to apply these tools in their organizations. The course will equip the participants with a structured approach for problem solving methodology including practical demonstration of statistical software.

Course Contents

1. Introduction to Quality Control & Statistical Quality Control
2. Types of Data
3. Check Sheets
4. Graph / Charts
5. Pareto Diagram
6. Histogram
7. Variable & Attribute Control Charts
8. Scatter Diagram
9. Group Exercises

Valuable For

This course is useful for all levels of Managers and Engineers who are involved in Production, Quality Control, Quality Assurance, Sales and Marketing and other functions where there is need to collect and analyze data. An ideal course for professionals who want to make a difference.

Duration

2 Days



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PIQC - Center for Excellence

Leading Institute in Pakistan providing academic programs, professional diplomas & certifications, short courses and corporate development in Quality Control (QC), Quality Assurance (QA) and Total Quality Management (TQM), Human Resource Management (HRM) and Health, Safety and Environment (HSE). Celebrating the 25th year of its establishment, PIQC vision is to see Pakistan a hallmark of Quality in the national and global environments. With its leadership and team of specialists, it has provided academic education and professional courses to more than 40,000 students and professionals. It is the pioneer and most authentic source for running International Six Sigma and Lean Manufacturing programs, including Six Sigma Yellow Belt, Six Sigma Green Belt and Six Sigma Black Belt in Pakistan.

PIQC has professional collaborations and linkages with various local and foreign organizations including Hamdard University, Superior University, NED University of Engineering and Technology, IQCS Certification, Singapore Quality Institute International (SQII), American Society for Quality (ASQ), and Quality and Productively Society of Pakistan (QPSP)

Degree Programs	Professional Diploma	International Certifications	Corporate Courses	International Conventions
<p>Masters & MPhil in: Quality Management</p> <p>Human Resource Management</p> <p>Industrial Management</p> <p>EHS Management</p>	<p>PIQC Diplomas/ Certifications in Quality Management</p> <p>Project Management</p> <p>Health Care Quality Management</p> <p>HSE Management</p> <p>HRM Management</p> <p>Supply Chain Management</p> <p>Labor Laws and IR Management</p>	<p>Internationally Recognized Certifications</p> <p>IRCA (UK) Accredited Certified ISO 9000 Lead Auditor</p> <p>Certified Six Sigma Green Belt & Black Belt</p>	<p>Nation-wise seminars & workshops on Total Quality Management, Six Sigma, ISO 9000</p> <p>Quality Assurance in Manufacturing, Services, Education, Banks and Healthcare, Total Productive Maintenance</p>	<p>PIQC has organized 13 International Conventions on Quality Improvement and 5 National Conferences on Quality Education in Pakistan since 1991</p>

PIQC INSTITUTE OF QUALITY

Head Office
Training Department
½ km Defence Road, Off 10 km Raiwind Road,
Lahore, Pakistan
Tel: 0092 42 35323600-6,
Fax: 0092 42 35324169
Cell # 0334-7472722
Email: training@piqc.edu.pk,

Karachi Office:
Ikramulla Shariff
Director Business Development
D-33, Block 8, Gulshan-e-Iqbal
Karachi - Pakistan
Tel: 92-21-34989707, 34825684
Cell # 0333-2163620
Fax: 92-21-34990775
E-mail: ikram@piqc.edu.pk

Web: www.piqc.edu.pk