Online Training Program on Statistical Process Control (SPC)

Date: 20th January'2021, Time: 9.30am to 5.30pm

Course Contents

♣ Introduction to statistical Process Control
♣ Concept of sigma
♣ Six Sigma improvement process
♣ Precision and accuracy
♣ Concept of variation
♣ Mean Median and Mode
♣ Histogram
♣ Standard Deviation for population and sample
♣ Z – Curve and estimation of defect rate
♣ Calculation of Cp and Cpk
♣ X-bar, R Chart
♣ Evaluation of control limits
♣ Plotting control chart
♣ Out of control condition

Course Features

Based on AIAG – SPC Manual, Second Edition, 2005. Covers the fundamental of statistical process control, estimation of defect rate, control charts and out of control condition with example and exercises.

Course Objectives

Make the participants aware about the basics of statistical process control, with topics around standard deviation, normal distribution, Z-curve, control chart, as prescribed by AIAG, Second Edition 2005 and out of control condition.

Who should attend?

♣ Management Representatives
♣ Internal Auditors and Second Party Auditors
♣ Supplier QMS Development Professionals
♣ Supervisors, Engineers and Managers, actively involved in Product and Process Design & Development
♣ Production Executives involved in Quality & Quality Management System activities

Duration : 8 Hours including break of 1 hour

Issue of Certificate

Certificate of successful attendance shall be issued to all the delegates who attend entire duration of the course.

Registration Fee : Rs. 1,500 + 18 % GST

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Registered & Head Office-

801, Raheja Plaza I, LBS Marg, Ghatkopar (W), Mumbai 400 086
Email: trainingindia@tuv-nord.com Tel: +91-22-66477000
Website: www.tuv-nord.com/in
Toll Free: 1800-209-0902

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