

Statistical Process Control (SPC)



Sripadhmam Sunday Supersixers

SSS # 93/00 Dt. 25-04-2021

#	Statement	True or False
1	Control charts are classified into two types	
2	Control charts were developed by Dr Juran	
3	The sample size is represented by " n "	
4	Mean is represented by " \tilde{x} "	
5	Mode is represented by " M_0 "	
6	Median is represented by " \bar{x} "	

Scroll below  for answers

Statistical Process Control (SPC) – **Answers**



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8	Process & Machine Capability Studies	5 hrs	1,950
9	APQP & PPAP	14 hrs	799

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- + e-Certificate

Course contents 

<p>1</p>	<p>Control Plan methodology as per IATF 16949:2016</p> <p>(1 hour 40 mins video duration)</p>	<p>Fundamentals Preparation of Control Plan Types of Processes How to construct control plan ?</p>
<p>2</p>	<p>QMS ISO 9001:2015 Stage 1 - a base for IATF 16949:2016</p> <p>(6 hours video duration)</p>	<p>Fundamentals What is ISO ? Seven Management principles Process approach & PDCA cycle Certification & Documentation over view Clauses overview Link between ISO 9001 & IATF 16949 ISO 9001:2008 Vs ISO 9001:2015</p>
<p>3</p>	<p>Analytical Tools for Improvements Stage 1 - 7QC & New 7QC Tools</p> <p>(4 hours 20 mins video duration)</p>	<p>Base 1 Base 2 Check sheet Pareto Diagram Stratification Flow Charts Affinity Diagram Relation Diagram</p>
<p>4</p>	<p>Analytical Tools for Improvements Stage 2 - 7QC & New 7QC Tools</p> <p>(4 hours 50 mins video duration)</p>	<p>Histogram Normality test Box plot History of New 7 QC tools Tree diagram Matrix diagram Matrix Data Analysis Likert scale methodology</p>

5	<p>Problem Solving Methodology (7 hours video duration)</p>	<p>Basics Fundamentals Tools & Techniques used A deep dive on 12 step approach A case study 8D methodology Introduction to DMAIC Good PSM practises</p>
6	<p>Statistical Process Control (14 hours video duration)</p>	<p>Statistics & link to Engineering Types of Data Concepts of Variation Histogram & Types Z Scale & area under normal curve Initial Process Study (Ppk) Process & Machine Capability Homogenization Cpk study & Non-normal distribution Types of control charts</p>
7	<p>Global 8D PSM (8 hours 45 mins video duration)</p>	<p>Introduction to 8D PSP Origin of 8D approach Customer Focused PDCA cycle Linkage of 8D to ISO & IATF Standards Advantages & Challenges in 8D Each D and the activities in each D P Cat & R Cat approaches Types of Root-causes Implementation of Remedial actions Statistical tools related to each D 5 Why – A deep dive Handling the Side-effects Standardization : Ways and means</p>

8	<p>Process & Machine Capability Studies</p> <p>(5 hours video duration)</p>	<p>Introduction Origin of Statistics Fundamentals Concept of variation & stability of Process Significance of Sigma factor Six sigma & Process capability Z scale methodology Ppk study & Machine capability</p>
9	<p>APQP & PPAP</p> <p>(14 hours video duration)</p>	<p>Origin of APQP Basic concepts & Principles Linkages to IATF 16949:2016 Techniques of APQP process Phase 4 of APQP : Linkage to PPAP Successful PPAP through structured APQP Process Five Phases of APQP – with exercises Control plan - Creation & management PPAP – How to interpret & Implement ? Situations Analysis on PPAP</p>

To enroll , Please contact us



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