

Quality America, Inc.

Applied Topics in SPC

SEMINAR AGENDA

DAY ONE

9:00	Introduction / Goals	(1/4 hr)
9:15	Process Analysis Fundamentals	(1-1/4 hrs)
	<ul style="list-style-type: none"> • Enumerative vs. Analytical Data • Benefits of control charts • Requirements vs. control • Tampering • Basic assumptions 	
10:30	Morning Break	(1/4 hr)
10:45	X-bar Charts	(1-1/4 hr)
	<ul style="list-style-type: none"> • Subgroup Formation • Interpretation • Range vs. Sigma • Run tests 	
12:00	Lunch	(1 hr)
1:00	Workshop Exercise	(3/4 hr)
	<ul style="list-style-type: none"> • X-Bar Charts 	
1:45	Afternoon Break	(1/4 hr)
2:00	Attribute Charts	(2 hrs)
	<ul style="list-style-type: none"> • Pareto Charts • Np & P Charts • C & U Charts • Interpretation • Workshop 	

DAY TWO

9:00	Histograms / Capability	(1-1/4 hr)
	<ul style="list-style-type: none"> • Histograms • Curve Fitting • Control vs. Capability • Capability Indices • Interpretation • Workshop 	
10:15	Morning Break	(1/4 hr)
10:30	Charts for Individuals Data	(1-1/2 hr)
	<ul style="list-style-type: none"> • Uses • Run Charts • Ind.-X / MR Charts • Moving Average Charts • Workshop 	
12:00	Lunch	(1 hr)
1:00	Scatter Diagrams	(1-1/2 hr)
	<ul style="list-style-type: none"> • ANOVA • Interpretation • Workshop 	
2:30	Afternoon Break	(1/4 hr)
2:45	Wrap Up	(1/4 hr)