

Manufacturing training course list

Evelyn Tan For Indigo Elite



List 1/3

Course	Course description	Target audience	Duration
Critical thinking Foundation in problem solving	<ul style="list-style-type: none"> Organize mind thinking process to become critical thinkers Apply critical thinking in problem solving and decision making Aware of your strength and weakness in critical thinking 	Engineers/ employee who are involved problem solving	2 days
Seven essentials in supplier quality management	Manage supplier in 7 essentials area to ensure they deliver consistently good quality products How to select and qualify suppliers Manage new product manufacturing @ supplier Sustaining and supplier development	Manufacturing, quality , process engineers	2 days
Statistical Process control	<ul style="list-style-type: none"> Understand process variations Construct the different control charts Analyze control chart for special cause variation How to manage SPC to ensure it is effective IR 4.0 automation and SPC 	Manufacturing, quality , process engineers	1 day
Model based problem solving	focus on using a model based approach of problem identifying problem and separate from symptom, identify systemic cause to the level where preventive action can be formulated	Manufacturing, quality , process engineers	2 days

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Course	Course description	Target audience	Duration
5 S Awareness for Productivity	<ul style="list-style-type: none">• Creating awareness on 5S as an organized and safe workplace• Apply 5S as company culture• Sustaining 5S practice	Manufacturing, quality , process engineers	2 days
Process control in SMT manufacturing	Areas to control in each SMT process for consistent product quality <ul style="list-style-type: none">• SP printing• Placement• Reflow• AOI	Manufacturing, quality , process engineers	2 days
Process Risk management through FMEA	<ul style="list-style-type: none">• Define a Failure Mode and summarize the differences between Failure Mode, Cause, and Effect.• Discuss Severity, Occurrence, and Detection as they apply to FMEA.• Apply FMEA in your work area to address potential risk.	Manufacturing, quality , process engineers	2 days
DOE	<ul style="list-style-type: none">• Apply systematic experimentation• Find important factors impact process output• Optimize a specific process output	Manufacturing, quality , process engineers	2 days

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Course	Course description	Target audience	Duration
Kaizen Change for better process improvement	Understand Lean principles and value to customer Elimination of waste using Kaizen approach Conduct Kaizen event step by step	Manufacturing, quality , process engineers	1 day
8 D problem solving approach	A step by step approach to apply 8 D for manufacturing problem solving	Manufacturing, quality , process engineers	1 day
Error proofing (Poke Yoke) Approach in manufacturing process	Learn how to avoid mistake in manufacturing process Different types of error proofing techniques from prevention to detection in manufacturing process	Manufacturing, quality , process engineers	1 day