

Lean Green Belt Training

DAY 5 and 6 TRAINING

ANALYZE	COMPLEX LEAN TOOLS	IMPROVE	CONTROL	RE-CAP & NEXT STEPS
<ul style="list-style-type: none"> <input type="checkbox"/> Determine critical inputs, <input type="checkbox"/> Perform Data Analysis, <input type="checkbox"/> Non Value Added Analysis or 8 Types of Waste, <input type="checkbox"/> Perform Process Analysis, <input type="checkbox"/> Statistical Analysis, <p>Exercise –</p> <ul style="list-style-type: none"> ➤ Group exercise to analyze a case study to find probable root causes, ➤ Group exercise to analyze some process case studies to find probable 8 wastes, <ul style="list-style-type: none"> <input type="checkbox"/> Determine Root Causes, <input type="checkbox"/> Complete the Root Cause Analysis and finding probable solutions. <p>ANALYZE TOLL GATE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Re-cap of Lean tools already covered, <input type="checkbox"/> Quick Changeover (SMED), <p>Exercise – Learn to list down activities, separate them into Internal, External and propose improvements,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Flow, Push, Pull and Flow- KANBAN, <p>Exercise – A manufacturing game to learn Push, Pull and Flow,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Overall Equipment Effectiveness, <p>Exercise – Case study to learn OEE, finding roadblocks and propose solutions to improve OEE,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Total Preventive Maintenance, <input type="checkbox"/> Work Cell, <input type="checkbox"/> Facility Layout and Design, <p>Exercise – Review case study and propose new layout,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Work Balancing, <p>Exercise – Review case study and balance the process</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Generate Potential Solutions <input type="checkbox"/> Select, Prioritize and Finalize Solutions, <p>Exercise – Complete an Impact Effort Analysis Chart for Solutions as a team,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Solution Action Plan, ➤ Work Breakdown Structure, ➤ SMART Action Items and Accountability, <p>Exercise – Learn to create a SMART Action Plan</p> <ul style="list-style-type: none"> <input type="checkbox"/> Choosing right Lean solutions and application <p>Exercise – Review a case study and propose different Lean solutions ,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mistake Proofing or Poka Yoke, <p>Exercise – Use case study and propose Mistake proofing solutions,</p> <ul style="list-style-type: none"> <input type="checkbox"/> 5S, <p>Exercise – Lego game to learn 5S principles,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Risk Analysis -Failure Mode Effects & Analysis (FMEA), <p>Exercise – Create an FMEA from a case study,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Pilot the Solution, <input type="checkbox"/> After success on Pilot, tweak and update the Solution Action Plan, <input type="checkbox"/> Complete a Future State Map, <p>Exercise – Create a Future State VSM.</p> <p>IMPROVE TOLL GATE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Control Plan, <p>Exercise – Review a case study and create a Control Plan,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Statistical Process Control, ➤ Monitoring graphs, ➤ Control Chart, <p>Exercise- Review data and learn to create a monitoring graph,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Standard Operating Procedures, <p>Exercise – Learn to create a simple SOP,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Training & Development, <p>Exercise – Create a skills gap analysis and development plan,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Cost Benefit Analysis, <p>Exercise – Review a case study to propose Cost Benefit Analysis,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Benefits calculations and Savings, <p>Exercise – Team to complete the Benefit calculation sheet,</p> <ul style="list-style-type: none"> <input type="checkbox"/> Project Closure report, <input type="checkbox"/> Transfer of ownership to stakeholders, <input type="checkbox"/> Audit Reviews. <p>CONTROL TOLL GATE</p> <p><u>NOTE- OPEN BOOK EXAM ON 2nd Meeting</u></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Re-cap of 2 Days and Lean tools, <input type="checkbox"/> Share Next Steps, <input type="checkbox"/> Decide on next 2 x 2 hours meeting, <input type="checkbox"/> Question and Answers.