

About the Seminar Leader:

Robert M. Williamson is an internationally recognized consultant, author, and educator of strategic work systems for modern manufacturing and maintenance. Williamson has worked with more than 300 companies to improve maintenance and manufacturing processes. His behind-the-scenes studies of NASCAR racing provide strategic insights that work in manufacturing and maintenance.

Lean Visual Equipment: Creating the Lean Machine

Make your equipment easier to operate, maintain, inspect, and troubleshoot. And, reduce equipment-specific training time by 60- to 80-percent!

What you can expect from this one-day seminar

“Lean Machines” require less of everything to operate and maintain when compared to traditional machines – less time, less effort, less money, and fewer skilled experts. Lean Machines operate more efficiently, more effectively, with highest levels of reliability than traditional machines.

Operability and maintainability improvement is part art and part science designed to make machines and equipment easier to operate, maintain and inspect. This is possible in part by using some easy techniques known as “visual systems” that communicate specific information quickly at or near the equipment. Improved accesses to critical parts or information through “minor modifications” contribute the rest of the formula for successful Lean Machines.

Putting the critical information ON the equipment where it is needed can truly make work easier and more accurate - relying less on memory or trial-and-error methods – and improving equipment performance and reliability. Visual systems for improving equipment effectiveness are an extension of the “visual factory” or the “visual workplace” driven down to specific details ON the equipment.

“Lean machines summarizes my 15-year quest for ‘world-class simplicity’ of manufacturing and utility equipment and machinery. These easy to learn and easy to apply principles can truly lead to work simplification and error proofing in every type of operation.”

-Robert M. Williamson, Seminar Leader

NOTE: For more in-depth equipment-improvement methods consider these two seminars *Total Productive Maintenance I – The Foundations of TPM* and *Total productive Maintenance II – Advanced Practical Applications*.

Seminar Content

- “Lean Machines” Do More with Less of Everything
- Harley-Davidson case example: Improving equipment effectiveness
- The “visual machine” is easier to operate and maintain
- Visuals and Minor modifications improve maintainability and operability:
 - Gauges
 - Equipment
 - Fluid Levels
 - Nuts and Bolts
 - Machine Guards
 - Locating and Communicating Problems
 - Checklists
 - Condition Monitoring
 - Tools, Parts, and Supplies
- Develop and Apply “Lean Machine” visuals
- How to get “Lean Machines” started in your plant
- Sustaining “Lean Machines:”
 - Participation and Ownership
 - Preventive Maintenance of Visuals

Who Should Attend

Continuous improvement coordinators; controllers/general managers; engineers; managers of HR, materials, logistics, operations, production control, quality, accounting and purchasing; small company owners/presidents; and team leaders/lead operators

**THIS SEMINAR IS ALSO
AVAILABLE ON SITE AT
YOUR PLANT.
Call 937-229-4632 for
information.**