LEAN MANUFACTURING SERVICES

Lean services focus on eliminating non-value-added activities from a company's processes while streamlining its value-added activities. It is a people-oriented approach that empowers a team to take action to achieve improvements. Lean tools and implementation are the best way to effectively utilize a company's most valuable resource... its people.

OUR LEAN SERVICES INCLUDE:

Principles of Lean Manufacturing 101 Workshop
An all-day, high energy, fast-paced presentation, in tandem with hands-on simulation activities so participants learn what advanced manufacturing is all about; identify the eight wastes in manufacturing and ways to reduce them.

5S System: The Visual Workplace
Experience how the 5S System reduces waste in a simulated production facility. Participants learn the concepts of the 5S System and then apply them to transform a cluttered, disorganized production area into a clean, organized, and orderly workplace.

Principles of Value Stream Mapping (VSM)
Learn how to create a value map of your current- and future-state processes. Understand the total flow of the value stream, see the sources of waste, determine common language about the process, show linkage of information and process, develop an improvement plan, and prioritize activities.

Quick Changeover/Set-up Reduction
Learn the fundamentals of set-up reduction in applying quick-change thinking to any type of setup or industry. Focus on attaining quick changeover through the systematic elimination of the internal components while streamlining the final procedure.

Total Productive Maintenance (TPM)
Gain knowledge of Overall Equipment Effectiveness (OEE) and how it relates to capacity. Apply TPM principles and techniques to equipment in a hands-on simulation and experience how applying TPM can achieve dramatic improvements in uptime and increased capacity.

Cellular Flow Manufacturing
Discover how to link and balance operations to reduce lead times, minimize WIP, optimize floor space usage, and improve productivity using a five-step process for designing and implementing work cells.

About Purdue MEP

Purdue MEP provides high-value solutions that help Indiana businesses maximize their success by increasing profits, reducing costs, and implementing growth systems. Our organization serves more than 500 companies annually by implementing continuous improvement principles in the areas of productivity, growth and technology. Purdue MEP has helped our clients collectively achieve over $6.6 billion of economic impact in Indiana since 2005.