

Want Peak Performance? Banish Waste!

The Challenge

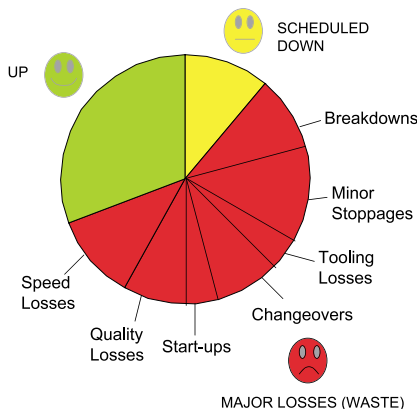
In today's economy, success in manufacturing demands peak performance. Customers continue to demand higher quality at lower prices. Costs for energy, compliance with government regulations, compliance with quality standards, like ISO 9000, and labor remain high. With all these pressures, manufacturers cannot afford waste in the system. Management must focus on banishing waste.

Understanding Waste

The dictionary defines waste as "to allow to be used inefficiently" and "discarded as worthless, defective, or of no use." In production systems waste comes from losses in three major areas:

- Work processes
- Energy and materials
- Equipment
- Stabilize the production system: Use Total Productive Maintenance (TPM) to maximize equipment effectiveness and 5S to organize
- Improve the production system: Apply lean manufacturing techniques to eliminate wastes like waiting, excess inventory, transportation, complexity and correction

In many operations, equipment is the most significant source of waste, yet the last to be addressed. The following diagram shows how losses eat away at equipment effectiveness.



Similar loss structures apply to work processes, energy and materials. These losses reduce quality and add costs.

The Path to Banishing Waste

Take the following steps to get a fast start on reducing waste and eliminate it in the long term:

- Conduct plant wide loss analysis: Collect data and prioritize losses based on potential payoff
- Attack the top priority losses: Use focused improvement to eliminate root causes, prevent recurrence and realize cost savings
- Organize for continuous improvement: Set up procedures, roles and responsibilities
- Establish a human performance support system: Training, knowledge management and coaching to give people the skills for continuous improvement



Management Technologies is a process improvement company that focuses on helping its customers achieve peak performance in their business and operational processes. Its mission is to transfer its specialized skill sets to customers so that they can achieve and maintain measurable improvements throughout their organization.

Throughout its 19 year history, Management Technologies has worked with companies of all sizes in every area of the manufacturing sector. Its professionals average more than 15 years experience. They specialize in hands-on training, coaching and mentoring at all levels of the organization, leveraging best-practices in manufacturing, business processes and related systems.

Management Technologies recently launched its Forum Series, a unique delivery approach that combines classroom training and on-site coaching to deliver high-value improvements to small and mid-sized manufacturers in short time frames. The Forum Series joins participants from

3-6 facilities on a part-time basis for a period of 3 months, allowing for valuable networking and idea sharing while minimizing the initial investment. The goal is to generate significant cost savings through focused improvement in targeted areas of the manufacturing process.

Management Technologies is so confident in the value of the Forum, that if, after committed and full participation, a customer has not achieved its expected benefits, Management Technologies will return the investment in its services. Thus, the Forum allows companies to generate significant returns with minimal investment and minimal risk.

Management Technologies, Inc.
3331 W. Big Beaver Rd.
Suite 105
Troy, MI 48084
248-643-1915
www.mgttech.com