

Lean Manufacturing

Experience | Commitment | Quality

OVERVIEW

Today, even with the latest engineering and installation technics, new processes and systems may not go all the way toward delivering the efficiency gains you expect. New-generation equipment can change work-flow and productivity in your existing operation. However, it can also introduce problems such as overproduction and excess inventory. CDMG provides consulting and training in Lean Manufacturing techniques that can help your organization adapt to new systems, thus maximizing the efficiency gains they promise to deliver.

Lean Manufacturing starts with Lean Thinking: i.e., analyzing the entire timeline from order through payment, then identifying and removing wasteful steps that don't add value. This concept, simple at a high level, is often very complex when applied to entrenched systems and organizations. Our methodology delivers proven, disciplined, scientific steps for analyzing and modifying systems and processes, reducing waste, then transforming your organization to make the changes self-perpetuating.

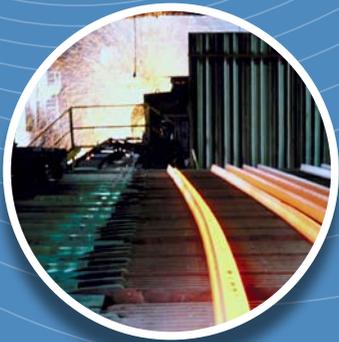
MANAGEMENT PRINCIPLES

- Train the Lean Culture
- Visual Control – Problems Are Not Hidden
- Map Process Flow and Time
- “Go and See” Floor Walks
- Standardize For Continuous Improvement
- Find Change Agents and Leaders



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Lean Manufacturing and New Equipment Installation

When installing new production equipment, we work with you to build a Lean Manufacturing program that fits your needs and delivers the best customer value, based on a straightforward roadmap of Lean Thinking/Lean Manufacturing best practices.

- Process mapping for equipment installation
- Kaizen improvement shop to finalize equipment design and installation process
- Equipment purchase/manufacture
- Implementation, checking and improvement of new process

Transforming Your Organization: A High-Level Timetable

Our roadmap for organizational transformation is based on direct, daily discipline that will help institutionalize the new processes and continuous improvement needed to optimize your new systems. This is a process that can take several years to engage employees at all levels of your organization.

Year 1 (Startup): Developing the Transformation Plan and Training the Organization – This first phase involves operation assessment through daily Go-and-See (“Gemba”) floor walks with management, developing and presenting the transformation plan, then identifying and training change leaders within your organization.

Year 1 (On-going): Creating the Lean Organization – The follow up phase of the Year 1 engagement focuses on creating a new lean organization by reorganizing the operation, engaging people, visualizing the final result and devising a growth strategy.

Year 2: Installing the Lean Thinking Enterprise – The second year of this transformation roadmap focuses on institutionalizing lean thinking throughout your enterprise by identifying right-sized tools, introducing lean learning, establishing performance pay practices, implementing JIT delivery, and rolling Lean Thinking out to suppliers and customers.

Year 3: Completing the Transformation – The final year incorporates the steps needed to assess progress, cultural changes, future planning, and globalizing the Lean Manufacturing strategy. Completed transformation should result in a transition from top-down quality to bottom-up continuous improvement.

ABOUT CDMG

CDMG is a full-service, multi-discipline construction engineering and professional services company providing cost-effective services in the Energy, Industrial and Commercial markets. We provide a complete range of services, tailored to the size and complexity of every project, as well as each client’s specific requirements. Our alliances with a large number of building suppliers, fabricators and vendors, all chosen on reliability, quality and service, give us greater control over schedule and budget, enabling us to offer value-added services.

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