



Lean Six Sigma Training

Eliminate waste and reduce variation in your processes

Manufacturers use Six Sigma, a set of techniques and tools for process improvement, to eliminate the source of defects and minimize inconsistencies. By combining Six Sigma with lean tools and methodologies, you will improve the efficiency of your production process while simultaneously eliminating waste from the process.

➤ GaMEP team members can provide Lean Six Sigma Training for:

- **White Belts:** Develop an understanding of Six Sigma concepts and how they apply to your company.
- **Yellow Belts:** Train individuals on tools and processes to become effective Six Sigma team members.
- **Green Belts:** Instruct team members on applying Lean Six Sigma to daily work environments to drive daily improvements and lead projects.
- **Black Belts:** Develop trained, certified, and committed process improvement leaders working on large-scale and cross-department improvement efforts.

As part of the training at all levels, a current project can be chosen from your organization to work on throughout the course of the coaching sessions.

➤ By conducting Lean Six Sigma training with GaMEP, you will:



Discover Solutions
to Real Problems



Improve
Quality



Eliminate
Waste



Develop Lean Six
Sigma Champions

○ Advancing Georgia Manufacturing ○

Lean Six Sigma Training in Action



Rubber Container Manufacturer Reduced Defects Using Six Sigma and the DMAIC problem-solving methodology

After properly defining the problem, a manufacturer used tools in the analysis phase of DMAIC to determine that its oven temperature and conveyor speeds had a significant impact on the production of defective, leaking containers.



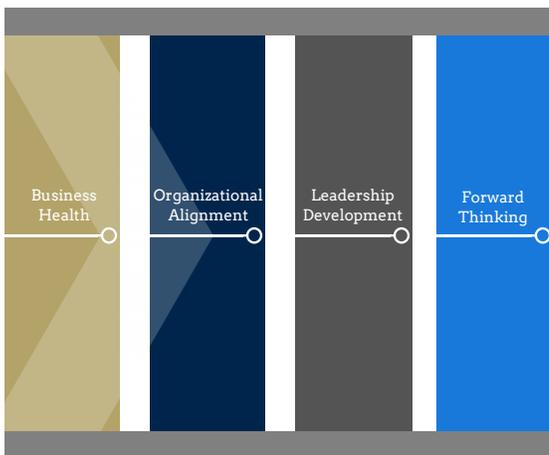
Using tools in the IMPROVE phase of DMAIC, the company adjusted the optimum oven temperature and conveyor speed, thus increasing the overall process sigma level from 1.2 to approximately 4.5 sigma, reducing defects from more than 598,000 DPMO to under 880 DPMO.

Why Work with GaMEP?

Our goals are simple and impactful:

- Understand the current state of your company.
- Learn about your future goals.
- Teach your team to utilize tools and strategies to meet the needs of your organization.
- Advance your company's competitiveness and ensure a sustainable future for manufacturing in Georgia.

Each of our services resides in one of the following four key strategic solutions pillars within the GaMEP Organizational Excellence framework:



The pillars are interconnected to maximize effectiveness. If you have multiple areas to address, request an Organization Excellence assessment.

What Sets GaMEP Apart

Each year, GaMEP works with more than 1,000 manufacturers to implement on-site projects, conduct training, and connect manufacturers to Georgia Tech resources and our partners throughout the state. We do this through:

- Access to locally based project managers that have years of experience developing and implementing best practices for manufacturers.
- Immediate and long-term solutions that increase top-line growth and reduce bottom-line costs throughout your organization.
- Federal and state funds that help offset the cost to Georgia manufacturers, making your investment more powerful.

Service areas include: process improvement, quality, robotics, business strategy, technology integration, ISO management systems, energy, sustainability, safety integration, and more.

See what all the "Buzz" is about.

Connect with GaMEP



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