



# Learning to See Waste Simulation

## *A Hands-on Production Simulation*

Offered as part of the Lean Practitioner Certification



**Your instructor:**

**Kara McPipe** is an instructor in our Professional Problem Solver and Lean Practitioner Certification programs. She is experienced in facilitating and managing Continuous Improvement efforts including 100+ Kaizen activities. Kara finds passion in seeing others improving their jobs and lives through Continuous Improvement.

*"The simulation was a great exercise – emphasized the implementation of Lean concepts and showed results of that implementation."*

Renee Thurmer  
Project Manager  
Cell Culture Company

Would you like to *experience* the benefits of Lean manufacturing? For many, the first step in creating a culture of continuous improvement and developing an army of problem solvers is to help all employees identify opportunities for improvement. Participants gain knowledge and the tools required in order to help a critical mass of employees learn how to define value and identify and eliminate waste. After completing the workshop, participants will have experienced the difference between traditional and Lean manufacturing and its components.

**Tools and Topics Learned Include:**

- The common forms of waste
- Identifying waste in manufacturing
- Practical brainstorming techniques
- Prioritize opportunities for improvement
- Kanban
- Takt Time
- Visual Controls
- Kaizen Events
- Teamwork
- Value Stream Mapping
- Cellular Manufacturing
- Work Standardization

**Wednesday, May 10, 2023 8:00 a.m. - 4:00 p.m.**

**Fee:** **MA members** \$335 per person **Non-MA members** \$435 per person  
**Receive a 10% discount if you register 14 days prior to the event**

**Location:** **Manufacturers Alliance Training Center**  
8421 Wayzata Blvd., Suite 190  
Golden Valley, MN 55426  
(For directions and map go to [www.mfrall.com](http://www.mfrall.com))

**Register:** Registration is required. Reserve on-line at [www.mfrall.com](http://www.mfrall.com), by 3:00 pm by May 8, 2023. **Your satisfaction is guaranteed.**

**Cancellation Policy:** **No refunds** for cancellations after 3:00 p.m., May 8, 2023, or for no-shows at workshop. *(Substitutions are accepted.)*

Lean Practitioner Certification participants will be assessed the full workshop fee if cancelling after 3:00p.m. two business days prior to workshop or for no-shows at workshop.