Operational Excellence (Lean) Manufacturing Practitioner

Training Overview

Operational improvement is most successful when frontline employees and emerging leaders understand how to recognize waste, improve flow, and support continuous improvement efforts. This 24-hour OPEX Manufacturing Practitioner program is designed as a practical, junior-level development course for team members, supervisors, coordinators, and future leaders who play an active role in improving manufacturing performance. Participants gain a strong foundation in Lean and Operational Excellence principles that can be immediately applied in daily operations.

Through hands-on exercises, simulations, and real-world manufacturing examples, participants learn how to identify inefficiencies, improve workplace organization, support standardized processes, and contribute to plant-wide improvement initiatives. The course focuses on practical execution skills that help participants become valuable contributors to larger Operational Excellence efforts.

Training Objectives

- Identify waste and inefficiencies within key manufacturing processes
- Apply Lean tools including 5S, visual management, standard work, and Kanban
- Improve process flow using basic Value Stream Mapping and operator balance concepts
- Understand principles that reduce changeover time using SMED methods
- Recognize common causes of equipment losses using TPM methodology
- Support improvement initiatives that improve safety, quality, delivery, and cost
- Improve workplace organization and visual control systems
- Contribute effectively to larger Operational Excellence improvement efforts
- Build confidence participating in kaizen events and team problem-solving activities
- Develop a continuous improvement mindset for daily operations

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