



MANUFACTURING  
**ESSENTIALS**  
 CERTIFICATION 



# PRODUCTIVITY AND CONTINUOUS IMPROVEMENT

Manufacturing Essentials Certification (MEC) – For Productivity and Continuous Improvement, is an initiative designed for high potential employees, existing support staff and leaders. The program focuses on raising the knowledge, experience and execution of problem solving and continuous improvement throughout organizations. Through presentation, discussion and group learning, participants will apply their experiences by completing a Workplace Performance Project suitable to test their skills and abilities. Developing these skills supports increased productivity, improved workplace processes and culture, enhanced team communication, higher employee engagement and overall promotes a collaborative working environment.

## Learning Pathway:

### Root Cause Problem Solving & Process Improvement



Problem Solving and Critical Thinking | Business Case Presentations | PDCA - Plan, Do, Check, Act | A3 Problem Solving | Measurements | Project Leadership

### Execution of Projects



In Class Activities | Homework Assignments | Workplace Performance (Improvement) Project

### Workplace Performance Project



Identification of Challenges | Evaluation and Organization of Projects | Scoping of Improvement Projects | Selecting a Team | Project Planning and Execution | Measuring Results | Presenting Results to Stakeholders

### Who is best suited for this program:

High potential employees who will become people leaders. People already in roles of process support (such as engineering, quality, purchasing, design, finance, administration, IT, etc.). People in roles that teach, coach and mentor teams of employees to solve problems and implement solutions for process improvement.

If sending multiple participants, we encourage the inclusion of employees from different teams or diverse backgrounds to enhance hands-on learning.

Participants use customized tools and processes throughout the program to learn, plan and execute a workplace performance project that will benefit them, their team and company. They will gain hands on experience with applying the A3 and PDCA approach to problem solving regardless of type of challenge faced. This project provides participants with knowledge, tools and confidence to use for future improvement opportunities. This program provides skills training using industry validated content, live or virtually facilitated learning blended with an action based workplace performance project. Sessions can be run in a cluster format - the blend of several different organizations in one session, or private to just your organization. The program is offered in both online and in-person formats; both of which include ongoing support from professional trainers.



EXCELLENCE  
 IN MANUFACTURING  
 CONSORTIUM

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