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# A3 Problem Solving

## Course Description

This practical A3 Problem Solving course (1 or 2 days) equips participants with a structured, visual, and logical approach to problem solving that drives sustainable improvement. Rooted in Lean principles, A3 Thinking guides teams through a step-by-step method to clarify problems, identify root causes, develop countermeasures, and track results.

Through interactive exercises, real-world case studies, and hands-on A3 report creation, participants will learn to communicate complex problems and solutions clearly, gain alignment across stakeholders, and implement changes that deliver measurable results. The course emphasizes the financial benefits of A3 Thinking, including reduced waste, fewer recurring problems, improved productivity, and measurable cost savings from effective problem resolution.

## Course Objectives

Understand A3 Thinking Principles:

- Define A3 Thinking and its role in Lean problem solving.

- Recognize the benefits of a structured, visual approach.

Apply the A3 Problem Solving Process:

- Clarify the problem and set measurable objectives.

- Identify root causes using appropriate analysis tools.

Develop and Implement Effective Solutions:

- Create countermeasures that address root causes.

- Engage stakeholders in solution development and execution.

Link A3 Thinking to Financial Performance:

- Quantify savings from eliminating waste and recurring issues.

- Connect problem solving outcomes to ROI and operational efficiency.

Sustain Improvements:

- Track results and ensure countermeasures remain effective.

- Embed A3 Thinking into daily management and continuous improvement activities.

## Training Format Options

- 1-Day: Introduction to A3 Thinking, overview of the problem-solving process, and creation of a sample A3 report.

- 2-Day: Expanded application with multiple case studies, team-based A3 development, and implementation planning for real-world problems.