

# 8D Problem Solving Methods

## Background

The 8D Problem Solving Methods Training equips participants with the skills and tools to effectively resolve complex issues, improve processes, and prevent recurrence. Based on the globally recognized 8D methodology, this course is tailored to meet the requirements of industry standards like EN9100 and ISO9001. The training includes a practical approach to problem-solving through 8D, 4D, and 2D methodologies, emphasizing teamwork, root cause analysis, and continuous improvement.

## Learning Objectives

By the end of this course, participants will be able to:

- Understand the principles and history of the 8D problem-solving methodology.
- Apply each step of the 8D process to address and resolve complex issues.
- Utilize tools such as Fishbone Diagrams, 5 Whys, and Pareto Analysis for root cause identification.
- Implement interim and permanent corrective actions to mitigate problems effectively.
- Prevent recurrence through systemic updates, training, and knowledge sharing.
- Apply 2D and 4D methodologies for less complex, localized issues.
- Document and communicate problem-solving efforts to stakeholders.

## Agenda

1. Introduction to Problem Solving
2. Problem Solving Frameworks
3. Background and Methodology
4. 8D Problem Solving Steps
5. 4D and 2D Methodologies
6. Preventing Recurrence and Continuous Improvements

## Additional Information

- Duration: 2 Day
- Format: Trainer-led (in-person or virtual)
- Audience: Operators, team leaders, engineers, and quality personnel involved in problem-solving or corrective actions
- Standards: AS13000, EN9100, IATF 16949 (for reference)