Mistake Proofing (Poka-Yoke)

Training Overview:

This hands-on Error-Proofing (Poka Yoke) training equips participants with the knowledge and skills to design and implement mistake-proofing methods that prevent errors before they occur. By applying Poka Yoke principles, organizations can dramatically reduce defects, improve quality, and increase customer satisfaction.

Through interactive exercises, practical examples, and real-world application, participants will learn how to identify error-prone processes, develop effective error-proofing devices or methods, and integrate these solutions into daily operations. The course emphasizes the financial benefits of Poka Yoke, including reduced scrap and rework costs, fewer warranty claims, improved process reliability, and measurable cost savings.

Training Objectives:

- Define Poka Yoke and its role in Lean quality improvement
- Recognize different types of error-proofing methods and devices
- Conduct root cause analysis to uncover sources of human or process errors
- Prioritize error-proofing opportunities based on risk and cost impact
- Develop low-cost, effective methods to prevent or detect errors
- Integrate Poka Yoke solutions into standard work and process design
- Quantify cost savings from reduced defects, scrap, and rework
- Connect error-proofing improvements to ROI and customer satisfaction
- Audit and refine error-proofing methods to ensure continued effectiveness
- Engage employees in identifying and implementing new Poka Yoke ideas

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