



Poka Yoke Awareness

Poka yoke means error proofing in Japanese. It was invented by Toyota engineer Shigeo Shingo to help prevent errors in manufacturing. Now the same concepts are used in any type of process from construction to coding. This class introduces participants to the concepts of poka yoke, its benefits, and the type of work environment that enables it to be successful.



Who Should Attend: Managers and staff in Production, Quality, Process Design & Development, Laboratories, and support groups

Duration: One hour

Course Prerequisites: None

Course Objectives: At the conclusion of the class a participant will be able to explain the following:

- What is Poke Yoke?
- Why is Poke Yoke important?
 - Saves money
 - Reduces defects
 - Attention is a limited commodity
- The origin of Poke Yoke and how it affects us today
- Why simplicity is not so simple
- Categories of Poke Yoke solutions
- Examples
- Process
 - The problem statement
 - Brainstorming
 - Filtering ideas
 - Implementation
 - Feedback & recognition
- What cultural infrastructure should be in place?
 - Psychological safety
 - Accountability vs. Blame
 - Out of the box thinking

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