

Poka-Yoke – Mistake Proofing Workshop



Zero Defects sounds like just a “slogan” - can we really achieve it? Is it true that most Poka-Yoke methods are developed by Production personnel instead of Engineers? 100% inspections doesn't sound realistic, do they provide any real benefit?

Zero Quality Control is based on the principle that defects are prevented by controlling the performance of a process so that it cannot produce defects – even when mistakes are made. ZQC utilizes source inspections, 100 percent inspections, immediate feedback, and poka-yoke devices. The objective is to detect errors before they actually can cause defects thus preventing the defect from ever happening.

Because most Poka-Yoke devices are common-sense practical devices actually developed by production line workers, it is most informative to review and discuss actual ideas that have been developed and are in use. Accordingly, while this course does provide traditional instruction on the concepts for Poka-Yokeing a process, it presents a wealth of actual examples to get your team's creative processes moving!

This one-day course is an excellent way to begin your Poka-Yoke efforts. Classroom instruction alternates with shop floor exercises to identify and apply the lessons learned to practical shop floor situations. This is a highly interactive session where participants can actively enter into the discussion and learning process.

Poka-Yoke Topics covered:



- The Five Elements & Structure of Production
- Common Causes of Defects
- Zero Concept and Zero Quality Control
- Comparison of Zero Quality Control and Statistical Quality Control
- Judgment, Informative, and Source Inspections
- Successive and Self-Check Systems
- Poka-Yoke Systems
 - Regulatory Functions
 - Setting Functions
- Detecting Errors Before They Cause Defects
- Detection Measures for Poka-Yoke Systems
- Examples of Poka-Yoke Systems
- Applying What You Have Learned

This Lean workshop can include up to 20 participants and is suitable for a diverse audience: Production Employees, Technical, Supervisory, and Managerial Personnel. Due to the field exercises, this workshop is best held on-site where participants can easily observe the production process.

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