

Poka Yoke (Mistake Proofing)

OBJECTIVE

Poka Yoke or Mistake Proofing is a means to prevent the serial generation of non-conformance products in the manufacturing areas. This technique can also be used in areas where mistake or error made can be costly. It is a system to help prevent defectives, operation failures and injuries in an effortless way. For a company implementing Total Productive Maintenance and/or 6 Sigma Business Improvement Initiatives where zero defects is the bottom line, the introduction of ZQC (Zero Quality Control) integrating with Poka Yoke is necessary. In companies acquiring ISO 9001/QS 9000, the manufacturing capability element requires the implementation of mistake proofing.

The program aims to :

- Understand the concept of Zero Quality Control
- Understand the concept of Poka-Yoke
- Gain insight into the various methods of Poka-Yoke Techniques
- Provide implementation strategy of the Poka-Yoke Techniques

WHO SHOULD ATTEND

Quality & Manufacturing Engineers, Maintenance Technicians, Technicians, Production Personnel

COURSE OUTLINE

Day 1

Module 1 : Introduction to Cost of Quality

Objectives

- Describe the importance of quality
- Explain why the need for zero defect
- Outline the cost for quality

Module 2 : Zero Quality Control

Objectives

- Describe the concept of ZQC
- Explain what is an error and a defect
- List the type of human errors
- Describe the type of inspections

Module 3 : Poka-Yoke Systems

Objectives

- Outlines the guidelines to PY attainment
- List the benefit of PY
- Describe the PY systems approach in manufacturing
- Describe the method for using PY

Day 2

Module 4 : Poka-Yoke Applications

Objectives

Discuss the regulatory function of PY

Discuss the setting function of PY

Module 5 : Poka-Yoke Case Studies

Objectives

- Discuss the different type if application of PY in manufacturing environment

DURATION

2 Days

METHODOLOGY

Lecture, Group Discussion, Group Presentation,
