



**Poka-Yoke** is a technique used for avoiding and eliminating mistakes.

**Poka-Yoke** is a fool proofing technique, which is the basis of the Zero Quality Control (ZQC) approach. Generally this technique is used in manufacturing process but has much wider uses, such as; offices - order and invoice processing, hospitals - drug dispensing, aircraft maintenance - particularly with processes

having the potential of catastrophic in-service failures.

A **poka-yoke** is any mechanism in a lean **manufacturing** process that helps an equipment operator avoid (yokeru) mistakes (**poka**). Its purpose is to eliminate product defects by preventing, correcting, or drawing attention to human errors as they occur.

The term Poka-Yoke is Japanese and can roughly be translated as mistake or fool proofing. It is derived from 'Poka' - inadvertent mistake and 'yoke' - avoid. Of course, the concept of fool proofing processes and mechanical devices has been around for many years (e.g. see photographs of floppy disk drive and electrical plugs) but it was the Japanese Matsushita Industrial Engineer Dr. Shigeo Shingo who was probably most prominent and influential in developing it into a technique. He turned the idea into a powerful approach for eliminating mistakes and achieving zero defects.

**LEARNING OUT COME**

- Understand and implement the “Poka-Yoke” methodology
- Understand and practically employ the basic techniques associated with Zero Quality Control (ZQC) and Poka-Yoke.
- Identify where ZQC and Poka-Yoke can be used for best effect
- Coordinate and motivate the Poka-Yoke team to provide real, tangible solutions to what appear to be intractable quality problems.
- Train others in the ZQC and Poka-Yoke methodology
- Provide the opportunity to make real major financial saving

**COURSE OUTLINE:**

- Poka Yoke, Zero Quality Control – Definitions
- The distinctions between judgment inspection, informative inspection and source inspection
- What is a Poka Yoke System ?
- The Poka Yoke Method
- Predicting where Poka Yokes are needed
- How to prevent errors from occurring
- How to detect abnormalities as they occur
- How to control or shutdown a process producing defects
- Examples of everyday Poka Yoke including real examples for tackling mistakes arising from the following type of operations:-
- Assembly, Insertion, Inspection, Locating, Mounting, Omissions, Processing and Set Up

**METHODOLOGY**

- ◆ Question and Answer sessions, Instructor Led Training
- ◆ Regain of knowledge from previous trainings
- ◆ Role play and live case studies, Group Discussions

**Brief Introduction of TnQS**

**TnQS** (Registered as **RELEVANT TRAINING AND QUALITY SOLUTIONS**) has been established in India (Hyderabad) with an aim to achieve global identity as India’s major Organization to bring paramount solutions for Quality Management Systems and Product Safety of Worldwide Standards.

With a spectrum of well-versed and experienced backup of more than 60 distinguished auditors, We put forward our Training and Consulting services for ISO 9001, ISO 14001, IATF 16949, HACCP, ISO 22000, ISO 27001, BS 7799, SA 8000, OHSAS 18001, WHO-GMP, GLP, GPP, CE Mark, PED, ADW 2000, FAMIQS, NAAC, NBA, EMI / EMC Training, Lean Manufacturing and Process Improvement etc. not only across India but also to Middle East and ASIAN countries.

**WHO TO ATTEND**

Quality, Engineers, Software, Food & Drug, etc. professionals who wish apply the ZQC model and methodology to error prevention and problem solving together with obtaining a clear knowledge of ZQC associated techniques

Please Contact / E – Mail your Confirmations to

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For More Information Visit

**www.tnqs.in**

**Professional Fee :** INR 3500/- plus taxes (Each Participant).

**Venue :** To be informed to the confirmed participants

**E-Certification from TnQS**