Poka-Yoke (PYK)

Zero-Defect Operations by Mistake-Proofing the Process

This workshop will examine the nature and types of human errors involving human-machine interfaces and provide the approaches to eliminate or avoid them through system improvement. The facilitator will employ actual cases from personal experience and everyday examples to add to the effectiveness of the learning session. The power of this workshop is that, participants have testified how ideas and solutions came up even while the seminar was still going one.

Poka-yoke is Japanese for mistake proofing. It was first proposed in 1961 by Shigeo Shingo and developed by him as an integral part of the Toyota Production System. It is indispensable to achieving zero defects and enabling Just-in-Time production operations and Six Sigma initiatives.

Objectives*:* At the end of this seminar, the participants will be able to:

1. Understand the basic principles and concepts behind *poka-yoke.*
2. Apply these principles and concepts to the development of a *poka-yoke* solution to an actual operating problem.

Agenda:

*   Introduction to Improvement - Kaizen
*   10 Common Causes of Errors
*   10 Most Common Process Deviations
*   Mistake-Proofing Principles
*   Approaches to Dealing with Errors
*   Mistake-Proofing Approaches
*   Basic Poka-Yoke Functions
*   Methods to Detect Process Deviations & Product Defects
*   Types of Sensors
*   The A3 Exercise
*   10 Steps to Poka-yoke

Who should attend: Recommended for plant managers, operations managers, business owners, process engineers, product design and development specialists, industrial engineers, and other personnel directly involved in the design, production, maintenance and distribution of products or in service design and operations.

Seminar Fee: P8,736 (VAT-inclusive)   **Webinar sessions:** 2
Facilitator: Jose S. Villegas   **Dates**: Apr 4-5 '23, Jul 6-7 '23, Sep 1,4 '23, Nov 28-29 '23, Feb 20-21 '24 *(Note 8:30 am to 12:00 nn daily via Zoom)*