Zero Quality Control: Source Inspection And The Poka-Yoke System
Synopsis

A combination of source inspection and mistake-proofing devices is the only method to get you to zero defects. Shigeo Shingo shows you how this proven system for reducing errors turns out the highest quality products in the shortest period of time. Shingo provides 112 specific examples of poka-yoke development devices on the shop floor, most of them costing less than $100 to implement. He also discusses inspection systems, quality control circles, and the function of management with regard to inspection.

Book Information

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Customer Reviews

Book info: I read the 1st English edition that was published in 1986. Pre required knowledge: None
Purchased price: USD 29.99
General: The book is easy to read, in occasion the book is repeating itself and the 1st chapter is a copy from Shingo’s book on SMED.
Book content: The book is basically divided into 2 parts. Part 1 (46% of book content) handles all the theory on processes, operations and the different kind of inspections. Then the book moves on to Quality Control, Statistical Quality Control and Zero Quality Control with the explanation of how this can be achieved by Poka-Yoke devices. The 2nd part of the book handles examples of Poka-yoke systems and more information on the author. Because of the age of the book some of the ideas are still good but the solutions are outdated. It is a good book; but I was a bit disappointed after reading Shingo’s book on SMED. Maybe were my expectations to high, if you are able to purchase this book for a reasonable price I recommend it.
The book can be divided into two parts: 1-st: theory, philosophy of Zero Quality Control; this part is well written, gives you power to act. 2-nd: samples of POKA YOKE; this part you can omit unless you will find similar problem that has been solved - old equipment, poor pictures and drawings. From my experience - use wisdom from the first part of that book to explain to your colleagues "WHY USE POKA YOKE?", then they will find the technical solutions.

This is an excellent book on reducing the cost of 100% inspection so that product quality can be assured. The book is clearly written, filled with useful examples, and very well translated. This book does not deal specifically with methods of reducing the cost of inspecting precision parts. Most of the examples describe methods of assuring that assemblies are put together properly, by making incorrect assembly virtually impossible.

The author has really shown the way to achieve zero defect through best method of quality control. The idea implementation of source inspection, self checks and successive checks and their result is really impressive. Various method shown to eliminate various errors and defects during manufacturing provides the eye-opening to people who want to acheive zero defects with zero quality control.

Mr Shingo was the technical man behind Mr Ohno who was the manager in the implementation of the Toyota production system. He defined the how to methods of SMED and 0 defects Quality that support the non stock production system. This book is of the type for the hands on engineer who wants to understand and implement the concepts, directly from their creator.
Risk Management and Business Continuity) TRENCHLESS TECHNOLOGY PIPING:

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