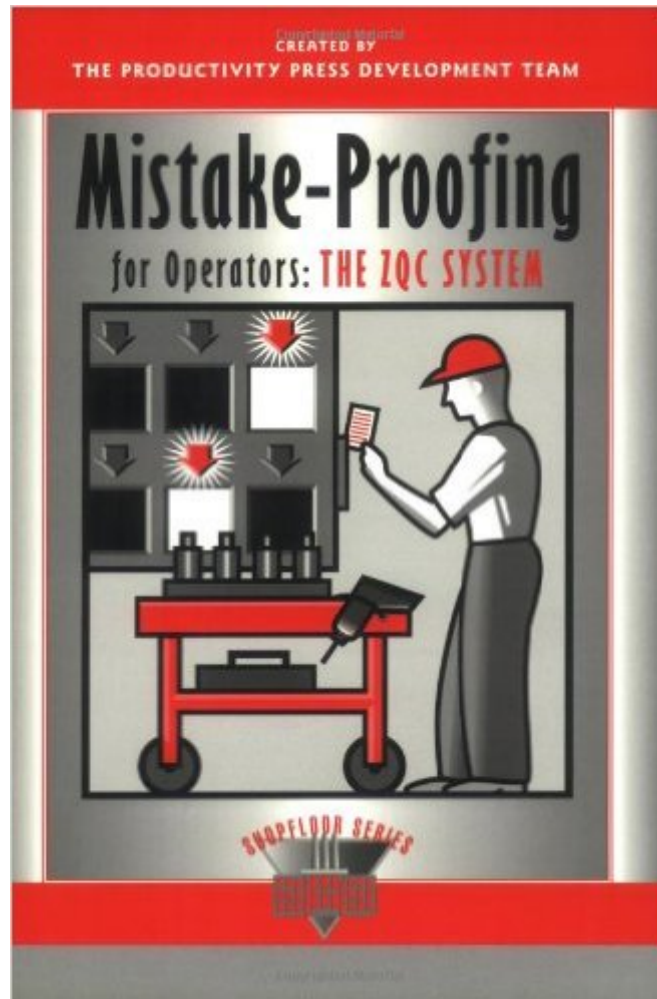# Mistake-Proofing For Operators: The ZQC System (The Shopfloor Series)

Synopsis

The Zero Quality Control System (ZQC) is a mistake-proofing approach that prevents defects by monitoring processing conditions at the source and correcting errors that cause defects. Since it is human nature to make mistakes, ZQC does not blame people for errors, but instead finds ways to keep errors from becoming defects. In this breakthrough approach, mistake-proofing devices called poka-yoke are used to check and give feedback about each product or operation in the process, not just a sample. This book introduces operators and assembly workers to the basic methodology of ZQC in an easy-to-read format that covers all aspects of this important manufacturing improvement strategy. Mistake-Proofing for Operators includes the instructional features that are the signature of the Shopfloor Series. In this series Productivity Press has taken the lead in adult education by teaming with instructional designers to develop complete programs for frontline learning. The goal: to place powerful and proven improvement tools such as ZQC and mistake-proofing in the hands of your company's entire workforce. Winner of the 1990 Shingo Prize for Excellence in Manufacturing, Mistake-Proofing for Operators is based on Zero Quality Control: Source Inspection and the Poka-Yoke System by Shigeo Shingo

Book Information

Series: The Shopfloor Series

Paperback: 96 pages

Publisher: Productivity Press; 1 edition (January 1, 1997)

Language: English

ISBN-10: 1563271273

ISBN-13: 978-1563271274

Product Dimensions: 6.9 x 0.3 x 9.8 inches

Shipping Weight: 8.8 ounces (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #432,372 in Books (See Top 100 in Books)   #21 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Management #141 inÂ Books > Business & Money > Industries > Manufacturing   #151 inÂ Books > Business & Money > Industries > Industrial Relations

Customer Reviews

Whether you start with JIT/Lean or Quick Response Manufacturing, you need to learn some simple tools helping you with the process improvement after any process analyze. Many books about

operations management will teach you the interaction of workstations and the parameters influencing the performance of a workstation, line or even a factory. Furthermore good operations books will give you the insights how to analyze the performance of a system. What often misses (which is Ok), is to provide the knowledge, e.g. if lot size reduction will bring a huge improvement for cycle-time etc., how to do this? Most of the books of this series exactly deal with this questions and present some methods that work and will simplify your life reading more sophisticated literature about this issue later on.All the books of the productivity press series were a great help to me. The following books of this series provided a good start about:- SMED: how to reduce change-over time and to make small lot sizes happen- TPM: how to improve machine availability and breakdown variability- ZQC: overcoming the problem of other quality methods, that only measure what was done but w/o pre-active prevention for rework/ scrap (Six-Sigma, SPC etc. are more complicated and not pre-active..)The series includes as well 5s and Pull Production etc. Especially the 3 titles mentionned above are a good introduction to related fiels. As your experiences grows, you might read more specific books about the subject later on. The data collection, e.g. for machine availability and variation etc., is not the objective of this book, but the method itself, how to to do it.For beginners, 5 stars is fair enough.Best Regards,Oliver

I have this book for a few months now, and I use it as a guidence at my workshop place, it really has some good tips

This book is very thing and does not have much information. If you know absolutely nothing about quality you can get the same information from the new paper.

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