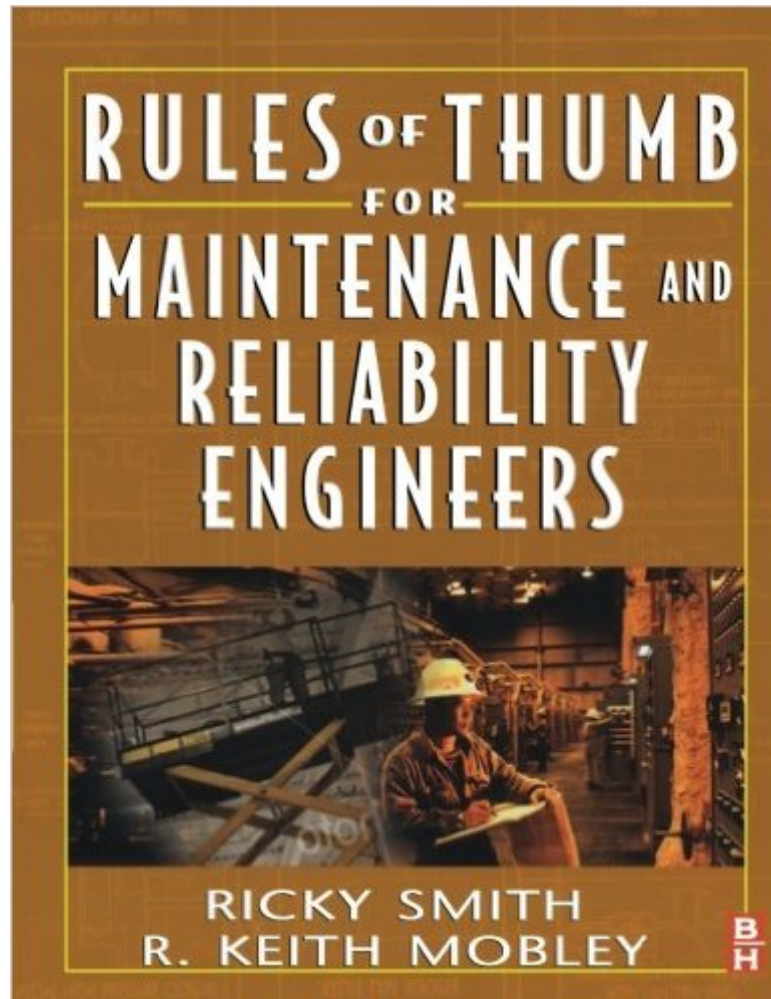


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# Rules Of Thumb For Maintenance And Reliability Engineers



## Synopsis

Rules of Thumb for Maintenance and Reliability Engineers will give the engineer the "have to have" information. It will help instill knowledge on a daily basis, to do his or her job and to maintain and assure reliable equipment to help reduce costs. This book will be an easy reference for engineers and managers needing immediate solutions to everyday problems. Most civil, mechanical, and electrical engineers will face issues relating to maintenance and reliability, at some point in their jobs. This will become their "go to" book. Not an oversized handbook or a theoretical treatise, but a handy collection of graphs, charts, calculations, tables, curves, and explanations, basic "rules of thumb" that any engineer working with equipment will need for basic maintenance and reliability of that equipment. • Access to quick information which will help in day to day and long term engineering solutions in reliability and maintenance • Listing of short articles to help assist engineers in resolving problems they face • Written by two of the top experts in the country

## Book Information

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## Customer Reviews

Buckle your seat belt and hang on - Ricky and Keith have packed at least 8 books in 1 with Rules of Thumb. If you want a wide angle view of what elements you need to build a reliability based maintenance program, this book will be a great resource for you. Highlights include a very good section on Key Performance Indicators (KPIs) and a long list of which indicators are lagging (looking

in the rear view mirror) and which ones are leading (seeing out the windshield) so you can select the measures that will meet your needs. The second half of the book includes great information on industrial machinery repair that make a great reference guide for bearings, chains, hydraulics, motors, compressors, gearboxes and more. If that is not enough to get you to buy this book - the appendix is filled with checklists like a CMMS data collection form, a Lean Maintenance audit checklist, a Failure Modes and Effects (FMEA) worksheet with a comprehensive FMEA how-to guide and a Mean Time between Failure (MTBF) User Guide.

I highly recommend this book. Lots of great practical information on maintenance/reliability processes, KPI's and equipment processes. Also includes an excellent selection of forms and checklists. Easy to read and apply!

When ever you ask an advice of how to improve your knowledge in any particular subject, and to become professional on it, the first thing they will tell you: learn from experts, read from the leaders on their filed. I red many books in Reliability and Maintenance engineering, nothing is like this book, Ricky Smith, and Keith Mobley, include all the information we need as a Maintenance and Reliability professionals on this book. It contains the information you need about maintenance management, preventive maintenance, condition monitoring, KPI, industrial machinery, and check lists. It is not a theoretical but it's something practical use can bring it into practice easily. I never let that book out of my desk, I always refer to it, and I used it as a reference on my papers, presentations and business cases. I recommend every maintenance and reliability professional to get that book.

This is book is an excellent tool for those interested in the reliability and maintenance field. It provides a very practical overview of how global common maintenance practices should be implemented at the workplace. It is related to real case scenarios and explained in a very simple way so the real message can be esaily understood. I recommend this book 100% for those starting an exciting career in the maintenance and reliability engineering field.

I have it, but have never referenced it. Most of the Rules of Thumb are rules I never used in my 30 years of performing R&M analysis. However, I performed analysis for Military products and complex communications systems, so I might be an anomaly.

A priceless resource for anyone interested in Reliability Maintenance. Whether starting from scratch

or fine-tuning an existing system, this book has the information you need to make informed decisions. The first chapter alone is worth the cost of the book, as it defines Reliability Maintenance and outlines the benefits from a very practical point of view. Throughout the book, you will find practical information on setting up a functional maintenance program as well as on the tools required to drive and measure the program. This book contains what you really need to know about Leading and Lagging KPIs along with CMMS, FMEA, and so much more.

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