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Reliability-Centered Maintenance Second Edition



Synopsis

Initially developed by the aviation industry, RCM is rapidly becoming fundamental to the practice of maintenance management and is now in use at hundreds of industrial and service organizations around the world. This book provides an authoritative and practical explanation of what RCM is and how it can be applied. It is of vital importance to anyone concerned with productivity, quality, safety, and environmental integrity. Written by an expert in the field who has helped users apply RCM and its more modern derivative, RCM2, at more than 600 sites in 32 countries. The second edition includes more than 100 pages of new material on: condition monitoring the analysis of functions and failures human error the management risk failure finding the measurement maintenance performance

Book Information

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Customer Reviews

I purchased this book for a course that used it for a reference. Overall it contains good information and provides understanding towards the concepts of RCM. I have a background in maintenance already and didn't have too hard of a time understanding the content; class helped, too. I noticed that some of the concepts and approaches to RCM were so simple in idea, that they are easily overlooked. It can add to your arsenal of tools that can help you do your job better and more efficiently. Overall the wording is understandable and isn't boring. Basically, I would say this book is suitable for someone in their 2nd-4th year in industrial maintenance desiring to be a planner or maint. manager position. I enjoyed it because it opened my eyes to new ideas and exposed

misconceptions about old RCM tactics that are inefficient.

I have been working in the field of RCM since 1991. During that time I have read most of the texts in the marketplace on the subject as well as having worked in a range of countries and industries using a range of different methods. John's book is unique in that it is set in the context of asset maintenance as a managerial discipline of growing strategic significance. His vast knowledge, coupled with the vast knowledge and resources of his network of RCM practitioners, have combined to make this the finest text on RCM that has been produced to date. If you want to get to know a little about RCM, understand how it is applied, and understand some of the techniques and principles that make up this area of expertise, then there is no better book in today's marketplace. I still carry a copy with me today on most jobs I undertake. Written in layman's terms John's book is the most read book on the subject, and remains the standard by which others are measured. Don't waste your time elsewhere.

I'll avoid re-hashing everybody's comments and will strive to add several thoughts not already mentioned.- This is not a light read. I read RCM as a college textbook, with highlighting, underlining, notes in the margins, etc.- I (a Maintenance Manager at a large coal-fired power plant) took several highlights to my boss, the plant manager. We agreed, for example, that the flow chart on justifying equipment modifications is profound.- I'll be taking a number of points to our Maintenance Supervisors at our next staff meeting where we'll discuss our next routine outage plans and the need to make adjustments to minimize the possibility of infant mortality.- On the good side, I'd say that the heart of RCM is excellent and, at times, even profound. There are many practical points that we maintenance practitioners should implement in our efforts to improve our effectiveness.- On the not-so-good side, RCM can be pretty repetitive. I realize that repetition is the mother of retention, but RCM would benefit from aggressive editing for the next edition.- All in all, this is an excellent tool for the 21st Century maintenance strategist.

Moubray's RCM 2 is a must have text in preparation for the Society of Maintenance and Reliability Professionals (SMRP) certification (CMRP). Good foundational information on Maintenance, Reliability and the RCM process.

Must appreciate the way this book is written, continuity of subject is maintained that makes it easy to understand, keeps reader involved and help retain the knowledge gained. Author's knowledge and

experience is evident. Highly recommend 1) to those who wish to have a good understanding of RCM and 2) for your library.

I am re-organizing a national maintenance organization, and one of my goals is to incorporate RCM into our program. This book filled a critical role for me by providing not only the intellectual justification for the program, but also a practical blueprint for many of the steps we need to take. Very thorough and well organized. Highly recommended.

This is an excellent book, it contains a different way to plan maintenance tasks and how assets should be managed by users, owners and managers. I totally recommend it.

Superb book! a hands on approach for RCM makes it effective and easy to understand & implement RCM strategy.

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