



RCM--Gateway to World Class Maintenance

By Anthony M. Smith, Glenn R. Hinchcliffe

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Reliability-Centered Maintenance provides valuable insights into current preventive maintenance practices and issues, while explaining how a transition from the current "preserve equipment" to "preserve function" mindset is the key ingredient in a maintenance optimization strategy. This book defines the four principal features of RCM and describes the nine essential steps to achieving a successful RCM program.

There is an easy to follow example illustrating the Classical RCM systems analysis process using the water treatment system for a swimming pool. As well as the use of software in the system analysis process, making a specific recommendation on a software product to use. Additionally, this new edition possesses an appendix devoted to discussing an economic model that has been used successfully to decide the most cost effective use of maintenance.

Top Level managers, engineers, and especially technicians who rely on PM programs in their plant operations can't afford to miss this inclusive guide to Reliability-Centered Maintenance.

- *Includes detailed instructions for implementing and sustaining an RCM program for extremely cost effective manufacturing
- *Presents seven real-world cross-industry RCM success case studies that have profited from this plan
- *Provides essential information on how RCM focuses your maintenance organization to become a recognized "center for profit"
- *Offers over 35 accumulated years of the authors' experiences in Lessons Learned for the proper use of RCM (and pitfalls to avoid)

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Editorial Review

About the Author

Mr. Hinchcliffe has worked in the maintenance arena for over 30 years, and has over 20 years of direct experience in organizational and maintenance optimization and the application of reliability centered maintenance (RCM) to a vast array of systems and components both simple and complex. This hands-on experience and his background in reliability has placed him in a unique position to understand the forces affecting today's maintenance professional, and how the seemingly divergent goals of increased availability at the least overall cost may be achieved. He formed G&S Associates, where he assists an array of clients in diverse market areas. Mr. Hinchcliffe has worked in the aerospace, utility, and private sectors. He has developed and taught courses on RCM and the application of reliability and statistical techniques to track maintenance improvements and predict outcomes. Mr. Hinchcliffe is a senior member of IEEE, a registered professional engineer in the states of Florida and North Carolina, and has authored many papers on the application of RCM. Mr. Hinchcliffe's work and achievements have been recognized by the National Registry of "Who's Who" and by Strathmore's "Who's Who In Industry."

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Achieve reduced downtime and cost-effective manufacturing through RCM's discussion and evaluation of current preventive maintenance practices.

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Kathe Waller:

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