

1. Record Nr.	UNINA9910453409003321
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Titolo	Rules of thumb for maintenance and reliability engineers [[electronic resource] /] / Ricky Smith, R. Keith Mobley
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier/Butterworth-Heinemann, c2008
ISBN	1-281-77197-X 9786611771973 0-08-055207-2
Descrizione fisica	1 online resource (334 p.)
Altri autori (Persone)	MobleyR. Keith <1943->
Disciplina	620/.00452
Soggetti	Systems engineering - Management Reliability Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Rules of Thumb for Maintenance and Reliability Engineers; Copyright Page; Dedication Page; Contents; Introduction-The Recommended First Step to Rules of Thumb in Reliability Engineering; Part I: The Basics of Maintenance and Reliability; Chapter 1: Understanding Maintenance and Reliability; 1.1. The Maintenance Function; 1.2. Strategy to Achieve World-Class Production through Reliability; 1.2.1. Maintenance Approaches; 1.2.2. Maintenance Management Philosophy; 1.2.3. The Function and Control System; 1.2.4. What Is Maintenance?; 1.2.5. Specification 1.2.6. The Maintenance Function1.3. What Is Reliability?; 1.3.1. Companies That Get It; 1.3.2. Why Move Toward Proactive Work?; 1.3.3. A New Way to View Failure; 1.4. Maintenance/Reliability Assessment; 1.5. Introduction to Change Management; 1.6. Developing a Business Case for a Reliability Initiative; 1.7. Calculating Return on Investment; 1.7.1. Leadership of the ROI Team; 1.7.2. Case Study; 1.8. Planning and Scheduling; Chapter 2: The Functional Maintenance Organization and Its People; 2.1. Functional Maintenance Organizational Structure; 2.2. Maintenance Supervisor 2.2.1. Responsibilities2.2.2. Environmental, Health, and Safety Aspects;

2.3. Maintenance Planner/Scheduler; 2.3.1. Responsibilities; 2.4. Maintenance and Engineering Manager; 2.4.1. Responsibilities; 2.4.2. Environmental, Health, and Safety Aspects; 2.5. Area Manager of Warehouse and Inventory Control; 2.5.1. Responsibilities; 2.6. Reliability Engineer; 2.6.1. Responsibilities; 2.6.2. Job Skills; 2.6.3. Reliability Engineering Dashboard-Key Performance Indicators; Chapter 3: Preventive Maintenance Program; 3.1. Reliability-Based Preventive Maintenance; 3.1.1. Information Collection
3.1.2. System Analysis3.1.3. Identification of Systems; 3.1.4. Identification of System Functions; 3.1.5. Selection of Systems; 3.1.6. System Functional Failure and Criticality Rating; 3.2. Identification of Functionally Significant Items; 3.3. Maintenance Task Selection (Decision Logic Tree Analysis); 3.3.1. Levels of Analysis; 3.3.2. Paralleling and Default Logic; 3.4. Maintenance Tasks; 3.5. Task Frequencies/Intervals; Chapter 4: Predictive Maintenance Program; 4.1. Setting Up a Preventive/Predictive Maintenance Program; 4.2. Visual Inspection; 4.3. Vibration Analysis; 4.4. Thermography
4.5. Tribology4.6. Ultrasonics; Chapter 5: Reliability Processes; 5.1. Reliability Software-Managing the Health of Assets; 5.1.1. Building an Effective Asset Reliability Program; 5.1.2. Using Reliability Software to Put the Program into Action; 5.1.3. Using Handheld Devices to Collect and Upload Condition Inspection Data; 5.1.4. Plotting Asset Health Trends; 5.1.5. Capturing the Experts' Knowledge about Asset Condition; 5.1.6. Integration to Enterprise Asset Management and Computerized Maintenance Management Systems; 5.1.7. The Bottom Line
5.2. Seven Questions Addressed by Reliability Centered Maintenance

Sommario/riassunto

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
