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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 Analysis
3.1.3. 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. Tribology
4.6. 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
