

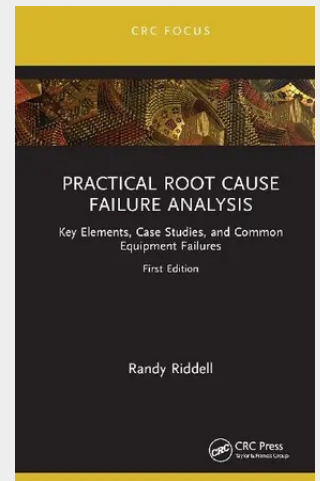
Riddell

Practical Root Cause Failure Analysis

Key Elements, Case Studies, and Common Equipment Failures

Root Cause Failure Analysis (RCFA) is a method used by maintenance and reliability industry professionals as one of the key tools to drive improvement. This book offers a quick guide to the applications involved in performing a successful RCFA by providing a foundational view of maintenance and reliability strategies. It also highlights the practical applications of RCFA and identifies how to achieve a successful RCFA, as well as discussing common equipment failures and how to solve them. Case studies on topics including pump system failure analysis and vibration analysis are included. - Suggests examples on how to solve common failure on many types of equipment, including fatigue, pumps, bearings, and mechanical power transmission - Highlights practical applications of RCFA - Identifies key elements for how to achieve a successful RCFA - Presents case studies on topics including pump system failure analysis and vibration analysis The book is a must-read for any reliability engineer, particularly mechanical reliability professionals.

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