1. Record Nr. UNINA9910822184803321 Autore Perez Robert X. Titolo Troubleshooting rotating machinery: including centrifugal pumps and compressors, reciprocating pumps and compressors, fans, steam turbines, electric motors, and more // Robert X. Perez and Andrew P. Conkey Pubbl/distr/stampa Salem, Massachusetts: Hoboken, New Jersey: .: Scrivener Publishing :,: Wiley,, 2016 ©2016 **ISBN** 1-5231-1505-X 1-119-29440-1 1-119-29439-8 1-119-29444-4 Descrizione fisica 1 online resource (224 p.) Disciplina 621.8/16 Soggetti Machinery - Maintenance and repair Rotors - Maintenance and repair Turbomachines - Maintenance and repair Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Half Title page; Title page; Copyright page; Dedication; Preface; Acknowledgements; Chapter 1: Troubleshooting for Fun and Profit: 1.1 Why Troubleshoot?: 1.2 Traits of a Successful Troubleshooter: Chapter 2: An Insight in Design: Machines and Their Components Serve a Function; 2.1 An Overview of the Design Process; 2.2 Complex Machine Element Environments: Chapter 3: Machinery Design Issues and Failure Modes; 3.1 Common Failure Modes; Chapter 4: Machinery in Process Services - The Big Picture; Chapter 5: Causes Versus Symptoms; 5.1 Causal Chains: 5.2 Summary Chapter 6: Approach Field Troubleshooting Like a Reputable News ReporterChapter 7: The "What" Questions; 7.1 What is the Problem or What Are the Symptoms?: 7.2 What is Your Assessment of the Problem?: 7.3 What is at Stake?; 7.4 What Risk is at Hand?; 7.5 What Additional

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