1. Record Nr. UNINA9910784358103321 Autore Smith Ricky Titolo Industrial machinery repair [[electronic resource]]: best maintenance practices pocket guide / / Ricky Smith and R. Keith Mobley Amsterdam; ; Boston, MA, : Butterworth-Heinemann, 2003 Pubbl/distr/stampa **ISBN** 1-281-05202-7 9786611052027 0-08-047847-6 Descrizione fisica 1 online resource (555 p.) Altri autori (Persone) MobleyR. Keith <1943-> Disciplina 621.8/16 Soggetti Machinery - Maintenance and repair Industrial equipment - Maintenance and repair Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Cover; Acknowledgments; Contents; 1 Introduction: Why Use Best Maintenance Repair Practices?; ?Only Permanent Repairs Made HereZ; Preventive and Predictive Maintenance (PPM); 2 Fundamental Requirements of Effective Preventive/Predictive Maintenance; Fundamental Requirements of Effective Maintenance; 3 Maintenance Skills Assessment: Introduction 3: Definition of a Skills Assessment: Knowledge Assessment; Knowledge Area: Safety; Knowledge Area: Lubrication; Knowledge Area: Bearings; Knowledge Area: Chain Drives; Knowledge Area: Belt Drives; Knowledge Area: Hydraulics; Knowledge Area: Couplings 4 Safety First, Safety AlwaysIntroduction 4; The Risk: Performing a Risk Assessment (the Preventive Management Tool): Lockout/Tagout/Tryout; Manual Lifting Rules; Power-Actuated Tools; Machine Guarding; 5 Rotor Balancing; Sources of Vibration due to Mechanical Imbalance; Theory of Imbalance; Balancing; 6 Bearings; Types of Movement; Commonly Used Bearing Types; Bearing Materials; Lubrication; Installation and General Handling Precautions; Bearing

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Industrial Machinery Repair provides a practical reference for practicing plant engineers, maintenance supervisors, physical plant supervisors and mechanical maintenance technicians. It focuses on the skills needed to select, install and maintain electro-mechanical equipment in a typical industrial plant or facility. The authors focuses on "Best Maintenance Repair Practices" necessary for maintenance personnel to keep equipment operating at peak reliability and companies functioning more profitably through reduced maintenance costs and increased productivity and capacity. A num