

1. Record Nr.	UNINA9910502802303321
Autore	Carinci, Andrea
Titolo	Codice ragionato breve per lo studio del diritto tributario / Andrea Carinci, Thomas Tassani ; con la collaborazione di Stefania La Bella e Simona Disca
Pubbl/distr/stampa	Torino, : Giappichelli, 2020
ISBN	978-88-921-3497-3
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Descrizione fisica	VI, 678 p. ; 17 cm
Altri autori (Persone)	Tassani, Thomas
Disciplina	343.4504
Locazione	FSPBC FGBC
Collocazione	VIII C 138 XIV Z 164
Lingua di pubblicazione	Italiano Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Testo su due colonne Testo in italiano o inglese

2. Record Nr.	UNINA9910787306103321
Autore	Kachur Donald S
Titolo	Engaging teachers in classroom walkthroughs / / Donald S. Kachur, Judith A. Stout, Claudia L. Edwards
Pubbl/distr/stampa	Alexandria, Va., : ASCD, [2013] Alexandria, Virginia : , : ASCD, , 2013
ISBN	1-4166-1679-9 1-4166-1678-0
Descrizione fisica	1 online resource (xvii, 170 pages) : illustrations
Collana	Gale eBooks
Disciplina	371.102
Soggetti	Observation (Educational method) School improvement programs
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	Cover; Title Page; Table of Contents; Acknowledgments; Preface; Chapter 1: Defining Teacher Leadership in Classroom Walkthroughs; Chapter 2: A School Culture to Support Walkthroughs; Chapter 3: Components of Successful Walkthroughs; Chapter 4: Strategies for Getting Teachers Involved; Chapter 5: Additional Issues to Address; Chapter 6: Concluding Thoughts; Appendix A. Featured Schools and Demographics; Appendix B. Study Questions for Schools with Teacher Walkthroughs; Appendix C. Teacher Survey on Classroom Walkthroughs; Appendix D. Walkthrough Models Appendix E. Sources of Focus/Look-fors and Observation Focus Areas Appendix F. Examples of Walkthrough Observation Forms; Appendix G. Common Core Walkthrough Observation Forms; Appendix H. Teacher Walkthrough in Action: Martin Luther King, Jr. Middle School; Appendix I. Evaluation of School/District Walkthroughs; References; Index; About the Authors; Related ASCD Resources; Search this Book
Sommario/riassunto	Engaging Teachers in Classroom Walkthroughs is a practical guide to planning and implementing brief but focused classroom observations that involves teachers in every step of the process.

3. Record Nr.	UNINA9910830703303321
Autore	Perez Robert X.
Titolo	Pump wisdom : essential centrifugal pump knowledge for operators and specialists / / Robert X. Perez
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2021] ©2021
ISBN	1-119-74823-2 1-119-74824-0 1-119-74819-4
Edizione	[Second edition.]
Descrizione fisica	1 online resource (275 pages)
Disciplina	621.69
Soggetti	Pumping machinery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- Chapter 1 Principles of Centrifugal Process Pumps -- Pump Performance: Head and Flow -- Operation at Zero Flow -- Impellers and Rotors -- The Meaning of Specific Speed -- Process Pump Types -- Process Pump Mechanical Response to Flow Changes -- Recirculation and Cavitation -- The Importance of Suction Specific Speed -- What We Have Learned -- References -- Chapter 2 Pump Selection and Industry Standards -- Why Insist on Better Pumps -- ANSI and ISO vs. API Pumps -- What We Have Learned -- References -- Chapter 3 Foundations and Baseplates -- Securing Pumps in Place - With One Exception -- Why Not to Install Pump Sets in the As-Shipped Condition -- Conventional vs. Prefilled Baseplate Installations -- Epoxy Prefilled Baseplates -- How to Proceed If There Is No Access to Specialist Firms -- What We Have Learned: Checklist of Foundation and Baseplate Topics -- References -- Chapter 4 Piping, Stationary Seals, and Gasketing -- Pipe Installation and Support -- Sliding Supports and Installation Sequence Deserve Special Attention -- Monitoring Pipe Stress While Bolting Up -- Flange Leakage -- What to Do Prior to Gasket Insertion -- Spiral Wound and Kammprofile Gaskets -- Pipe, Hydraulic Tubing or Flexible Connections? -- Gusseting -- Concentric vs. Eccentric Reducers -- Vibration Problems

in Piping -- Proven Ways to Control Piping Vibration -- Addressing Piping Vibration Issues -- Small Bore Piping Issues -- What We Have Learned -- References -- Chapter 5 Rolling Element Bearings -- Bearing Selection Overview and Windage As a Design Problem -- Radial vs. Axial (Thrust) Bearings -- Oil Levels, Multiple Bearings and Different Bearing Orientations -- Upgrading and Retrofit Opportunities -- Bearing Cages -- Bearing Preload and Clearance Effects -- Bearing Dimensions and Mounting Tolerances.

What We Have Learned -- References -- Chapter 6 Lubricant Application and Cooling Considerations -- Lubricant Level and Oil Application -- Issues with Oil Rings -- Pressure and Temperature Balance in Bearing Housings -- Cooling Not Needed on Pumps with Rolling Element Bearings -- Oil Delivery by Constant Level Lubricators -- Black Oil -- Lubricant Application As Oil Mist (Oil Fog) -- Desiccant Breathers and Expansion Chambers -- What We Have Learned -- References -- Chapter 7 Lubricant Types and Key Properties -- Lubricant Viscosities -- When and Why High Film Strength Synthetic Lubricants Are Used -- Lubricants for Oil Mist Systems -- What We Have Learned -- References -- Chapter 8 Bearing Housing Protection and Cost Justification -- Noncontacting Bearing Protector Seals -- Contacting Bearing Protector Seals -- How Venting and Housing Pressurization Affect Bearing Protector Seals -- Cost Justification Overview -- Advanced Bearing Housing (Bearing Protector Seal) Summary -- What We Have Learned -- References -- Chapter 9 Mechanical Sealing Options for Long Life -- Still Using Packing? -- General Overview of Mechanical Seals -- All Flush Plans Have Advantages and Disadvantages -- Always Obtain the Full Picture -- Seal Chamber Pumping Ring (Circulating Device) Technologies -- Lessons Apply to Many Services -- What We Have Learned -- References -- Chapter 10 Pump Operation -- Starting Centrifugal Pumps -- Surveillance of Pump Operation -- Optimum Pump Switching Interval -- Centrifugal Pump Shutdown -- Addressing Post Start-up Issues -- Avoiding Parallel Pump Operating Problems -- What We Have Learned -- References -- Chapter 11 Impeller Modifications and Pump Maintenance -- Maintenance Essentials -- Superior Maintenance Requires Upgrading -- Impeller Upgrading with Inducers -- Distance from Impeller Tip to Stationary Internal Casing Components.

Impeller Trimming -- Impeller Wear Rings -- Vane Tip Overfilling and Underfilling -- Carbon Graphite Wear Rings and Bushings -- What We Have Learned -- References -- Chapter 12 Lubrication Management -- How Bad Is Water Contamination? -- Avoid Solids Contamination -- Avoid Questionable Oil Storage and Transfer Practices -- Periodic Audits -- What We Have Learned -- References -- Chapter 13 Pump Condition Monitoring: Pump Vibration, Rotor Balance, and Effect on Bearing Life -- Vibration and Its Effect on Bearing Life -- Monitoring Methods Differ -- Vibration Acceptance Limits -- Causes of Excessive Vibration -- Rotor Balancing -- What We Have Learned -- References -- Chapter 14 Drivers, Couplings, and Alignment -- Driver Selection -- Coupling Selection and Installation -- Installation and Removal -- Alignment and Quality Criteria -- Consequences of Misalignment -- Thermal Rise and Predefinition of Growth -- What We Have Learned -- References -- Chapter 15 Fits, Dimensions, and Related Misunderstandings -- Low Incremental Cost of Better Pumps -- Pump Pedestals and Bearing Housings Should Not Be Water-Cooled -- Summary of Bearing-Related Issues -- Constant Level Lubricators -- Bearing Housing Protector Seals ("Bearing Isolators") -- Motor Lubrication Summary -- Mechanical Seal Issues -- Hydraulic Issues -- Impeller Hydraulics -- Mechanical Improvement or Upgrade Options --

Process Pump Repair Dimensions -- What We Have Learned -- References -- Chapter 16 Using Failure Statistics and Root Cause Analysis Findings to Guide Reliability Improvement Efforts -- Mean-Time-Between Failures and Repair Cost Calculations -- Performing Your Own Projected MTBF Calculations -- Older Pumps vs. Newer Pumps -- Reliability Reviews Start Before Purchase -- Structured Failure Analysis Strategies Solve Problems -- The "FRETT" Approach to Eradicating Repeat Failures of Pumps.

Analyzing Pump Failure Data -- Why We Use Reliability Tools -- Cumulative Failure Trends -- Addressing Pump "Bad Actors" -- What We Have Learned -- References -- Chapter 17 Repair, Replace, or Modify? -- Repair or Replace? -- Repair and Spare Part Philosophies -- Making the Business Case for Centrifugal Pump Upgrades -- Payback Time Examples -- Example 17.1 -- Example 17.2 -- Some Final Advice on Upgrades -- Centrifugal Pump Hydraulic Rerates -- Rerate Case Study -- Replacing Existing Pump with an Entirely Different Model Pump -- What We Have Learned -- References -- Chapter 18 Centrifugal Pump Monitoring Strategies -- Pump Monitoring Recommendations Based on Criticality -- How to Use This Matrix -- Example 18.2: High Production Impact (Follow dashed arrows in Table 18.3) -- A Survey of Vibration Sensors -- Wireless Sensors -- Wired Sensors with Dynamic Outputs -- Wired Loop-Powered Vibration Transmitters with 4-20 mA Outputs -- Evaluating Sensor Information -- Vibration Monitoring Analysis Requirements -- More on Sensor Technology -- What We Have Learned -- References -- Chapter 19 Final Thoughts -- Index -- EULA.

Sommario/riassunto

"The world pump industry for manufacturing and process plants is a multi-billion dollar business, and centrifugal pumps make up approximately 80% of this total. They are used in many different industries such as the oil industry, water industry, chemical industry, food industry, pharmaceutical industry, textile industry, metal treating industry, and electronic component manufacturing industry to name some of the more important ones. The worldwide demand for fluid handling pumps is projected to increase 5.6 percent per year to \$84.4 billion in 2022. Developing areas will see the fastest growth, especially in China, with the Asia/Pacific region remaining the largest market, accounting for almost half of global pump demand. Centrifugal pumps will remain the largest pump type, though diaphragm pumps and turbine pumps will post rapid gains. Utilities will exhibit the fastest growth among major pump markets Centrifugal Pumps are machines that lift, transfer, or otherwise move fluid from one place to another. They are usually configured to use the rotational (kinetic) energy from an impeller to impart motion to a fluid. The impeller is located on a shaft; together, shaft and impeller(s) make up the rotor. This rotor is surrounded by a casing; located in this casing are one or more stationary passageways that direct the fluid to a discharge nozzle. Impeller and casing are the main components of the hydraulic assembly; the region or envelope containing bearings and seals are called the mechanical assembly or power end"--
