1. Record Nr. UNINA9910819536703321 Autore Janicak Christopher A. Titolo Safety metrics: tools and techniques for measuring safety performance // Christopher A. Janicak Lanham, Maryland:,: Bernan Press,, 2015 Pubbl/distr/stampa ©2015 **ISBN** 1-59888-755-6 Edizione [3rd ed.] Descrizione fisica 1 online resource (238 p.) Disciplina 660.2804 Soggetti Industrial safety - Evaluation - Statistical methods Industrial management - Evaluation - SDtatistical methods Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references. Nota di bibliografia Nota di contenuto Safety Metrics; Contents : 1 Introduction Current Trends in Safety Performance Measurement ; A Performance Program Framework : Summary ; Chapter Questions ; 2 Managing Safety Performance Safety Performance Management Programs The OECD Safety Performance Management Framework Safety Performance Program Frameworks The Performance Measurement Process ; 3 Safety Goals Summarv : Chapter Questions ; Establishing Effective Goals and Objectives ; Establishing Safety Objectives : The Balanced Scorecard Approach : Benchmarking : Defining Safety Benchmarks Benchmarking Process Continuous Improvement : Benchmarking Pitfalls **Process** ; Summary ; Chapter Questions ; 4 Developing Safety Performance Indicators ; Safety Performance Indicators : Uses for Safetv Performance Indicators : Outcomes Measures ; Types of Performance Indicators Categories of Performance indicators **Lagging Indicators** : Current Indicators

Leading Indicators ; Tying Performance Indicators to Goals and Objectives ; Using Root

Cause Analysis to Identify Performance Indicators

; Benefits of Safety Performance Indicators Shortcomings of Safety Performance indicators

Summary ; Chapter Questions ; 5 Defining Safety Metrics ; Linking Safety Metrics to

Performance Indicators ; Safety

Metrics for Leading Performance Indicators

; Safety Metrics for Trailing Performance Indicators

OSHA Based Incidence Rates

Sommario/riassunto

This practical guide-and popular reference-helps you evaluate the efficiency of your company's current safety and health processes and make fact-based decisions that continually improve overall performance. Newly updated, this edition now also shows you how to incorporate safety management system components into your safety performance program and provides you with additional techniques for analyzing safety performance data.