1. Record Nr. UNINA9911006716703321 Autore Attwood Dennis A Titolo Ergonomic solutions for the process industries / / Dennis A. Attwood, Joseph M. Deeb, Mary E. Danz-Reece Amsterdam: ; Boston, : Gulf Professional Pub., 2004 Pubbl/distr/stampa **ISBN** 1417505443 1-280-96455-3 9786610964550 1-4175-0544-3 0-08-047007-6 Descrizione fisica 1 online resource (479 p.) Altri autori (Persone) DeebJoseph M Danz-ReeceMary E Disciplina 620.8/2 Soggetti Human engineering Chemical engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cover; TOCContents; Preface; Acknowledgements; Disclaimer; CH1 Introduction; 1.1 INTRODUCTION; 1.2 CHAPTER REVIEW; 1.2.1 Chapter 2. Personal Factors; 1.2.2 Chapter 3. Physical Factors; 1.2.3 Chapter 4. Environmental Factors; 1.2.4 Chapter 5. Equipment Design; 1.2.5 Chapter 6. Workplace Design; 1.2.6 Chapter 7. Job Factors; 1.2.7 Chapter 8. Information Processing; 1.2.8 Chapter 9. The Use of Human Factors in Project Planning, Design, and Execution; 1.3 PROPOSED MODEL FOR THE SYSTEMATIC IMPLEMENTATION OF ERGONOMICS/HUMAN FACTORS; 1.3.1 Develop or Adopt Standards 1.3.2 Management Awareness Sessions1.3.3 Educate Site Personnel; 1.3.4 Identify Issues; 1.3.5 Setting Priorities; 1.3.6 Analyze the Issues and Assess the Gap against Standards; 1.3.7 Conduct Cost-Benefit Analysis; The 'DOT' Process for Prioritizing Issues; 1.3.8 Set Priorities on Issues; 1.3.9 Develop and Implement Strategy for Top Issue; 1.3.10

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Sommario/riassunto

Work-related injuries, such as back injuries and carpal tunnel syndrome, are the most prevalent, most EXPENSIVE, and most preventable workplace injuries, accounting for more than 647,000 lost days of work annually (according to OSHA estimates). Such injuries, and many others, can be prevented in your facility by establishing an ergonomic design. This book shows you how to apply simple Ergonomic tools and procedures in your plant. Challenging worldwide regulations are forcing some companies to spend thousands of dollars per affected employee in order to comply. This book shows you how