

Manual Lifting Safety Guide

Named a 2013 Doody's Core Title! "This is a good reference for the varied healthcare professionals who must move and transfer patients. The book is clear and well written, with illustrations to strengthen the narrative." --Doody's "The evidence-based methods suggested in these pages protect nurses from injury and ultimately improve patient care." --M. Elaine Tagliareni, EdD, RN President, National League for Nursing Ancillary materials include new DVD and Instructor's Guide Please note: DVD contains digital videos only -- no audio track. (Qualified instructors may email textbook@springerpub.com to request instructor's guide) As a nurse, you are all too familiar with heavy lifting, sustained awkward positioning, excessive reaching, and static posturing. With this comprehensive volume, Nelson, Motacki, and Menzel show you that there is another way. Learn about the new techniques and technologies specifically designed to reduce caregiver and patient injuries. The authors present the Evidence-Based Safe Patient Handling Program, a practical system of guidelines to be used in numerous clinical settings. Each chapter explains how to apply the program to specific clinical settings, such as medical and surgical, critical care, orthopaedics, pediatrics, labor and delivery, rehabilitation settings, the perioperative suite, and nursing homes. Implement the components of the program to multiple clinical settings: Assessment: Learn to evaluate the patient's body strength and about other conditions that affect the patient handling task Care Plan: Outline the safest way to accomplish the required task based on the assessment Algorithms: Learn the step-by-step, problem-solving procedures for carrying out patient handling activities safely Photos and videos illustrate the techniques: The included DVD and photographs illustrate how to use the technology, as well as how each task, movement, and position should be completed. These tasks include: Lateral transferring to and from beds using sliders Rescuing fallen patients off the floor with a floor-based lift Bariatric patient lifting and dressing Transferring patients with lower limb amputations And many more Offers guidance on the Manual Handling Operations Regulations 1992 as amended by the Health and Safety (Miscellaneous Amendments) Regulations 2002 ('the Regulations').

Get the expert advise you need to shrink handling costs, reduce downtime and improve efficiency in plant operations! You'll use this comprehensive handbook during post design, process selection and planning, for establishing quality controls, tests, and measurements, to streamline production, and for managerial decision-making on capital investments and new automated systems. "Thoroughly updated and expanded, 'Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems, Second Edition' offers comprehensive coverage of basic concepts building up to advanced instruction on the latest technology, including distributed electronic control systems, energy-saving technologies, and automated driver-assistance systems. Now organized by outcome-based objectives to improve instructional clarity and adaptability and presented in a more readable format, all content seamlessly aligns with the latest ASE Medium-Heavy Truck Program requirements for MTST." --Back cover.

Covering all aspects of production safety, this is an invaluable reference guide for the independent programme maker, freelancer, manager, producer, tutor and student filmmaker. Robin Small identifies all the major risks and gives advice on how to control and/or eliminate them.

Each hazard section includes useful references to the relevant legislation, documents and licences, as well as addresses of organisations for essential advice and recommended further reading. An appendix lists samples of vital certificates, with visual references provided on www.focalpress.com. Important information about hazard identification, risk assessment and safety policy is provided in the chapters covering legislation, health and safety management, personal protective equipment and insurance. Particular hazards are then split into individual sections for ease of reference. These hazards include: Asbestos Cranes Explosives and pyrotechnics Food and catering Manual handling and lifting Visual display screens Working at heights The appendices provide comprehensive contact information for UK and European Health and Safety sources. They also include sample forms to draw up your own safety system. Robin Small is Senior Lecturer in Television, Media Department at the University of Huddersfield.

"This booklet is written for managers and supervisors in industries that involve the manual handling of containers. It offers suggestions to improve the handling of rectangular, square, and cylindrical containers, sacks, and bags. "Improving Manual Material Handling in Your Workplace" lists the benefits of improving your work tasks. It also contains information on risk factors, types of ergonomic improvements, and effective training and sets out a four-step proactive action plan. The plan helps you identify problems, set priorities, make changes, and follow up. Sections 1 and 2 of "Improvement Options" provide ways to improve lifting, lowering, filling, emptying, or carrying tasks by changing work practices and/or the use of equipment. Guidelines for safer work practices are also included. Section 3 of "Improvement Options" provides ideas for using equipment instead of manually handling individual containers. Guidelines for safer equipment use are also included. For more help the "Resources" section contains additional information on administrative improvements, work assessment tools and comprehensive analysis methods. This section also includes an improvement evaluation tool and a list of professional and trade organizations related to material handling."--Page 6.

This publication is aimed at employers and employees across all industries. It gives revised guidance on the Manual Handling Operations Regulations 1992.

Manual Materials Handling MMH creates special problems for many different workers worldwide. Labourers engaged in jobs which require extensive lifting/lowering, carrying and pushing/pulling of heavy materials have suffered increasing rates of musculo-skeletal injury, especially to the back.; This guide is intended to include all activities involved in MMH lifting, pushing, pulling, carrying and holding. Recommendations are provided in the form of design data that can be used to design different MMH work activities. The guide is divided into two parts. Part I outlines the scope of the problem, discusses the factors that influence a person's capacity to perform MMH activities and / or should be modified to reduce the risk of injuries, and reviews the various design approaches to solving the MMH problem. Part II provides specific design data in six distinct chapters. The seventh chapter of Part II of the guide describes various mechanical devices that are available to aid MMH activities.; The guide is aimed at all concerned with the health impact of MMH activities; occupational health and safety workers; senior human resource managers; ergonomists; workers' compensation lawyers; union representatives.

With an updated edition including new material in additional chapters, this one-of-a-kind handbook covers not only current standardization efforts, but also anthropometry and optimal working postures, ergonomic human computer interactions, legal protection, occupational health and safety, and military human factor principles. While delineating the crucial role that standards and guidelines play in facilitating the design of advantageous working conditions to enhance

individual performance, the handbook suggests ways to expand opportunities for global economic and ergonomic development. This book features: Guidance on the design of work systems including tasks, equipment, and workspaces as well as the work environment in relation to human capacities and limitations Emphasis on important human factors and ergonomic standards that can be utilized to improve product and process to ensure efficiency and safety A focus on quality control to ensure that standards are met throughout the worldwide market

Sponsored jointly by the American Society of Mechanical Engineers and International Material Management Society, this single source reference is designed to meet today's need for updated technical information on planning, installing and operating materials handling systems. It not only classifies and describes the standard types of materials handling equipment, but also analyzes the engineering specifications and compares the operating capabilities of each type. Over one hundred professionals in various areas of materials handling present efficient methods, procedures and systems that have significantly reduced both manufacturing and distribution costs.

This guide will help any employee, supervisor, manager, director or business owner to honestly evaluate their manual handling practices, enabling improvement in themselves and others to move and handle in a better, safer way.

Nursing personnel are consistently listed as one of the top ten occupations for work-related musculoskeletal disorders, with incidence rates of 8.8 per 100 in hospital settings and 13.5 per 100 in nursing home settings. Strategies to prevent or minimize work-related musculoskeletal injuries associated with patient handling are often based on tradition and personal experience rather than scientific evidence. The most common patient handling approaches in the United States include manual patient lifting, classes in body mechanics, training in safe lifting techniques, and back belts.

The Safe Patient Handling and Mobility Standards establish a uniform, national foundation for safe patient handling and mobility to prevent injury to healthcare workers and healthcare recipients across the care continuum. These standards outline the role of both the employer and healthcare workers in safe patient handling and mobility. There are eight overarching standards featured in the book, each one outlined and explained in detail: Culture of Safety, Sustainable SPHM Program, Ergonomic Design Principle, SPHM Technology, Education, Training, and Maintaining Competence, Patient-Centered Assessment, Reasonable Accommodation and Post-Injury Return to Work, Comprehensive Evaluation Systems Nurses and all other healthcare workers can use these standards to improve their safe patient handling and mobility programs and optimize safe, high quality patient care.--Page 4 de la couverture.

Commonly used throughout the world, manual lifting tasks—whether simple or complex—all involve variable loads, postures, and movements. This practical guide discusses how to analyze the intricate lifting function and prevent injury during its execution. Outlining revised NIOSH Lifting Equation (RNLE) methods, the book illustrates their use in assessing manual lifting tasks of varying degrees of difficulty. Using examples to reinforce presented concepts, it explains how RNLE methods can be applied to

evaluate single, composite, variable, and sequential lifting tasks. It also explores how to interpret and apply the results according to international standards and guidelines.

A comprehensive review of international and national standards and guidelines, this handbook consists of 32 chapters divided into nine sections that cover standardization efforts, anthropometry and working postures, designing manual material, human-computer interaction, occupational health and safety, legal protection, military human factor standar

The Wheelchair Evaluation: A Clinician s Guide, Second Edition is an updated, practical, and concise reference on the wheelchair prescription process. It s perfect for students and clinicians in the health fields who work with physically disabled individuals in need of a wheelchair. This book is a portable, hands-on manual that implements a real-world approach to patient evaluation, choice of wheelchair components, documentation, and funding."

The establishment of Banking Union represents a major development in European economic governance and European integration history more generally. Banking Union is also significant because not all European Union (EU) member states have joined, which has increased the trend towards differentiated integration in the EU, posing a major challenge to the EU as a whole and to the opt-out countries. This book is informed by two main empirical questions. Why was Banking Union - presented by proponents as a crucial move to 'complete' Economic and Monetary Union (EMU) - proposed only in 2012, over twenty years after the adoption of the Maastricht Treaty? Why has a certain design for Banking Union been agreed and some elements of this design prioritized over others? A two-step explanation is articulated in this study. First, it explains why euro area member state governments moved to consider Banking Union by building on the concept of the 'financial trilemma', and examining the implications of the single currency for euro area member state banking systems. Second, it explains the design of Banking Union by examining the preferences of member state governments on the core components of Banking Union and developing a comparative political economy analysis focused on the configuration of national banking systems and varying national concern for the moral hazard facing banks and sovereigns created by euro level support mechanisms.

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