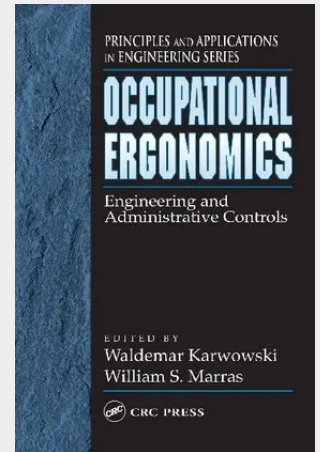


Occupational Ergonomics

Engineering and Administrative Controls

Occupational Ergonomics: Engineering and Administrative Controls focuses on prevention of work-related musculoskeletal disorders with an emphasis on engineering and administrative controls. Section I provides knowledge about risk factors for upper and lower extremities at work, while Section II concentrates on risk factors for work-related low back disorders. Section III discusses fundamentals of surveillance of musculoskeletal disorders, requirements for surveillance database systems, OSHA Record keeping system, and surveillance methods based on the assessment of body discomfort. Section IV focuses on medical management of work-related musculoskeletal disorders, including programs for post-injury management, testing of physical ability for employment decisions, assessment of worker strength and other functional capacities, and applications of ergonomics knowledge in rehabilitation.

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