



# Physical Hazard Control: Preventing Injuries in the Workplace

By Frank R. Spellman, Revonna M. Bieber

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**Physical Hazard Control: Preventing Injuries in the Workplace** By Frank R. Spellman, Revonna M. Bieber

People deal with physical hazards every day at the workplace, in their homes, on the roadways, and in many other areas. In any situation, people face potential hazards-often more than one hazard in each situation-and these hazards often lead to serious injury. But it is possible to mitigate the effects of many of these hazards, or even prevent them altogether. In *Physical Hazard Control: Preventing Injuries in the Workplace*, authors Frank R. Spellman and Revonna M. Bieber focus on controlling physical hazards at work to prevent injury, illness, and death.

The book explains the proper controls for many types of physical hazards, including layout and building design, safeguarding of machinery, confined space entry, noise, radiation, ergonomics, electricity, thermal stressors, hand tools, woodworking, welding, machining, mobile equipment, materials handling, and workplace violence. Discussions of engineering controls, administrative controls (including safe work practices), and the use of personal protective equipment are supplemented with real-world examples and solutions.

This book presents an up-to-date, practical guide focusing on a variety of physical hazards and controls. It is an informative text for students, a quick reference for safety professionals, a refresher for those preparing for certification, and a practical guide for those who need information on how to control physical hazards in their own places of work.

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### **Editorial Review**

#### About the Author

Frank R. Spellman has been a practicing safety professional for over 35 years. He is the author or coauthor of more than 70 books, including Occupational Safety and Health Simplified for the Chemical Industry (2009) and The Handbook of Safety Engineering (2010).

Revonna M. Bieber works for the Naval Medical Center Portsmouth in the field of industrial hygiene. She is the coauthor of Occupational Safety and Health Simplified for the Chemical Industry (2009).

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