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Autore	Brauer Roger L.
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Sommario/riassunto

"Safety and Health for Engineers provides an overview of the primary knowledge safety and health professionals engineers and others needs to know to be effective. Each chapter provides a different segment of knowledge that helps safety professionals and engineers in their goal to protect workers and property. The encyclopedic coverage of Safety and Health for Engineers addresses the fundamentals of safety, legal aspects, hazard recognition and control, the human element and techniques for managing safety decisions. The book covers fundamental of safety practice that are primary topics included in certification examinations for practitioners. The primary goal for the third edition is to provide updates to the broad range of chapters found in the 2nd edition, and to expand on real-world applications. The updates incorporate changes in practices and elements surrounding practices. New and important topics covered include: Ethics, Sustainability, Cost of Safety, Health and Environmental Practice, International Practice, Occupational and Environmental Medicine, Occupational Nursing, Accident Causes and Circumstances, Consequence of Accidents, Preventive Strategies, Changes in Domestic Laws and Regulations, addition of Foreign and International Laws and Regulations, and nano-technology"--
