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ISBN	1-118-84090-9 1-118-84101-8 1-118-84098-4
Edizione	[Second edition.]
Descrizione fisica	1 online resource (543 p.)
Disciplina	658.382
Soggetti	Industrial safety - Management Industrial safety - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	An overview of ANSI/AIHA Z10-2012 -- Achieving acceptable risk levels : the operational goal -- Innovations in serious injury and fatality prevention -- Human error avoidance and reduction -- Macro thinking? The socio-technical model -- Safety professionals as culture change agents -- The plan-do-check-act concept (PDCA) -- Management leadership and employee participation : section 3.0 -- Planning : section 4.0 -- Implementation and operation : section 5.0 -- A primer on hazard analysis and risk assessment : sections 4.2, 5.1.1 -- Provisions for risk assessments in standards and guidelines : sections 4.2, 5.1.1 -- Three and four dimensional risk scoring systems : sections 5.1.1, 5.1.2 -- Hierarchy of controls : section 5.1.2 -- Safety design reviews : section 5.1.3 -- Prevention through design : sections 5.1.1, 5.1.2, 5.1.3, 5.1.4 -- A primer on system safety : sections 4.0, 4.2, 5.1.1, 5.1.2, appendix F -- Lean concepts : emphasizing the design process : section 5.1.3 -- Management of change : section 5.1.3 -- The procurement process : section 5.1.4 -- Evaluation and corrective action : section 6 -- Incident investigation : section 6.2 -- Audit requirements : section 6.3 -- Management review : section 7.0 -- Comparison : Z10, other standards and guidelines, and VPP

certification.

Sommario/riassunto

Provides guidance to managers, safety professionals, educators and students on having operational risk management systems that meet the requirements of Z10. Emphasizes Management Leadership and Employee Involvement, the most important section in Z10, with particular reference to contributions that employees can make. A new provision was added to Z10 on Risk Assessment which along with Avoidance of Human Error is addressed. Revised and expanded coverage of Management of Change and The Procurement Process New chapters cover Macro Thinking - The Socio-Tech
