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Nota di contenuto	Cover; Title page; Copyright page; Dedication; Preface; Acknowledgments; Introduction; 1: On Becoming a Profession; Introduction; A Limited Literature Review; Requirements for the Practice of Safety to Be Recognized as a Profession; A. Establish a Well-Defined Theoretical and Practical Base, to Include; B. Developing a Common Language for the Practice of Safety, Realizing That; C. Achieving Recognition as a Profession by the Clientele to Whom We Give Advice, Considering; D. Promoting and Supporting Research, Recognizing That E. Maintaining Rigid Certification Requirements, Promoting the Significance of Certification, and Giving Additional Status to Certification F. Adhering to an Accepted Standard of Conduct; G. Having a Professional Society, Participating in It, and Supporting It; H. Obtaining Societal Sanction for Professionalization; Conclusion; 2: Defining the Practice of Safety; Introduction; Defining Safety; Defining Acceptable Risk; Defining Risk; Defining Hazards; Our Baffling and Non Descriptive Titles; Defining the Practice of Safety; Major Elements in the Practice of Safety Knowledge and Skill Requirements Conclusion; 3: Principles for the

Practice of Safety: A Basis for Discussion; Introduction; A. On Hazards; B. Defining Risk, Acceptable Risk, and Safety; C. Risk Assessment; D. Defining the Practice of Safety; E. Hierarchy of Controls; F. On Achieving the Theoretical Ideal for Safety; G. On Organizational Culture; H. Concerning Leadership, Training, and Behavior Modification; I. Prevention through Design; J. On System Safety; K. Setting Priorities and Utilizing Resources Effectively; L. On Incident Causation; M. Performance Measures; N. On Safety Audits

Conclusion 4: Academic and Skill Requirements for the Practice of Safety; Introduction; Accreditation Board for Engineering and Technology (ABET); National Institute for Occupational Safety and Health (NIOSH) Survey; Brief Survey Made by This Author; The BCSP Certification Examinations; Comprehensive Practice Examination; Knowledge Areas Are Presented Here-A Composite for All Three Domains and All Eleven Tasks, In Groups-Sort Of; Skills Areas Are Presented Here-A Composite for All Three Domains and All Eleven Tasks, In Groups-Sort Of

Transitions in Knowledge and Skill Requirements for the Practice of Safety Conclusion; 5: Transitions Affecting the Practice of Safety; Introduction; General Observations; Employment Projections; Employer Knowledge and Skill Expectations for Safety Professionals; Sustainability; Lean Concepts; Risk Assessment; Prevention through Design; Human Error Prevention-A Significant Modification in Concept; Management of Change/Prejob Planning; Content of Examinations for the CSP Designation as Indications of Changes in Knowledge and Skill Needs

Combined Responsibilities for Safety, Health, and Environmental Control

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#### Sommario/riassunto

"On the Practice of Safety continues to be an unparalleled resource on best safety practices. It supplies the reader with the core information that everyone who is in the safety field must know. Each chapter is written in a self contained unit that can be used on its own to cover a topic. The new edition updates all of the chapters from the previous edition while adding new material. Topics in these new chapters include sustainability, lean concepts, management of change/pre-job planning, leading and lagging indicators, and indirect and direct accident costs"

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