

Summary of Contents

Contents	vii
List of Figures and Tables	xxiii
Preface	xxvii
Acknowledgments	xxix
1 Introduction to Occupational Safety and Health	1
2 Safety Legislation	29
3 Workers' Compensation and Recordkeeping	49
4 Safety-Related Business Laws	67
5 Accident Causation and Investigation: Theory and Application	82
6 Introduction to Industrial Hygiene	109
7 Ergonomics and Safety Management	134
8 Fire Prevention and Protection	166
9 System Safety	191
10 Managing the Safety Function	223

11	Psychology and Safety: The Human Element in Loss Prevention	247
12	Improving Safety Performance with Behavior-Based Safety	267
13	Workplace Violence	310
14	Terrorism Preparedness	336
15	Hazardous Materials	352
16	Construction Safety and the Multiemployer Worksite Doctrine	377
17	Transportation Safety	401
18	Introduction to Extreme Weather	419
19	Required Written Programs	449
20	Resources on Safety and Health	466
	Appendix A: 29 CFR 1910—OSHA General Industry Standards Summary and Checklist	489
	Appendix B: 29 CFR 1926—OSHA Construction Standards Summary and Checklist	511
	Appendix C: Anthropometric Data	541
	Index	549
	About the Authors	585