

1. Record Nr.	UNINA9910457796303321
Autore	Green Melvyn
Titolo	Building codes for existing and historic buildings [[electronic resource] /] / Melvyn Green
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2011
ISBN	0-470-94653-9 1-283-29872-4 9786613298720 0-470-94650-4
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (266 p.)
Disciplina	363.6/90973
Soggetti	Historic buildings - Standards - United States Standards, Engineering - United States Building laws - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Building Codes for Existing and Historic Buildings; Contents; Preface; Acknowledgments; About Melvyn Green; Part 1: Introduction; Chapter 1: Introduction; How Are Building Codes Developed?; How Are Building Codes Applied?; Building Code Updates and Compliance; Chapter 2: How Codes Regulate Buildings; Understanding Code Approach; Part 2: Development of Codes and Standards in the United States; Chapter 3: Development of Building Codes in the United States; Local Codes; Early Model Codes; Comprehensive Model Codes; Regional Model Codes; International Building Code Chapter 4: Development of Model Code Provisions for Existing BuildingsRegional Model Codes; International Building Code; Change of Occupancy Classification or Group; International Existing Building Code; Chapter 5: Development of Code Provisions for Historic Buildings; Regional Model Codes; International Building Code Provisions for Historic Buildings; International Existing Building Code Provisions for Historic Buildings; State Building Codes for Historic Buildings; California; Massachusetts; New Jersey; Federal Activities; Legislation;

Tax Incentives; Federal Agencies; Conclusion
Part 3: The Rationale Behind Code Provisions
Chapter 6: Occupancy; Factors Influenced or Determined by Occupancy; Fire Safety Factors; Structural Factors; General Health and Safety Factors; Occupancy Classifications; Assembly Occupancies-Group A; Business Occupancies-Group B; Educational Occupancies-Group E; Factory and Industrial Occupancies-Group F; High-hazard Occupancies-Group H; Institutional Occupancies-Group I; Mercantile Occupancies-Group M; Residential Occupancies-Group R; Storage Occupancies-Group S; Utility and Miscellaneous Occupancies-Group U
Occupancy Classifications in Previous Building Codes
Chapter 7: Planning and Construction Factors; Siting; Fire Concerns; Health and Habitability; Type of Construction and Materials; Type Construction Requirements; Fire Concerns; Health and Habitability; Building and Component Size; Fire Concerns; Health and Habitability; Part 4: How Codes Regulate Existing Buildings; Chapter 8: Principles of Regulating Existing Buildings; What Do You Need to Know about Your Building?; Building Rehabilitation and Regulation; Nonconforming Rights; Change of Occupancy
Chapter 9: International Existing Building Code Compliance Methods
Why Use the International Existing Building Code?; How Is the IEBC Organized?; Alternate Materials and Methods; Plan Requirements; Prescriptive Compliance Method; Work Area Compliance Method; Performance Compliance Method; Example Buildings; Chapter 10: International Existing Building Code-Prescriptive Compliance Method; General; Additions, Alterations, and Repairs; Structural and Seismic Requirements; Nonstructural Alterations and Repairs; Other Requirements; Change of Occupancy Classification; Structural Requirements
Conclusion

Sommario/riassunto

Learn to apply the International Building Code and International Existing Building Code to historic buildings. Written for architects, engineers, preservation, and code enforcement professionals, this is the only comprehensive book that examines how the International Building Code (IBC) and the International Existing Building Code (IEBC) can be applied to historic and existing buildings. For ease of use, the book is organized to parallel the structure of the IEBC itself, and the approach is cumulative, with the objective of promoting an understanding of the art of applying building reg
