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Nota di contenuto	Intro -- Title-Page_online -- FM_online -- Ch01_online -- Chapter 1: -- 1.1 Objectives of the Guide -- 1.2 Overview, Changes, and Additions -- 1.3&amp -- ensp -- Reliability of Wind Loads Developed Using Provisions in the Standard -- 1.3.1 Assessment of Wind Climate -- 1.3.2 Adjustment Factors for Exposure, Height, and Elevation -- 1.3.3 Peak Factors and Gust Effect Factors -- Pressure and Force Coefficients -- 1.4 Significant Limitations -- 1.5 Technical Literature -- -- Ch02_online -- Chapter 2: -- 2.1 Options for Determining Wind Loads -- 2.2 Getting Started: Reference Velocity Pressure(s) -- 2.2.1 Analytical Procedure -- 2.2.2 Terrain Exposure -- 2.2.3 Topographic Effects -- 2.2.4 Ground Elevation (Air Density) Factor -- 2.2.5 Basic Wind Speed -- 2.2.6 Site-Specific Reference Pressures -- 2.3 Main Wind Force Resisting System Wind Loads for Buildings -- 2.4 Component and Cladding Wind Loads -- 2.5 Determining Enclosure Classification -- 2.6 Wind Tunnel Procedure -- -- ch03_online -- Chapter 3: -- 3.1 Limitations -- 3.2 Load Application -- 3.3 Low-Rise Building: Commercial/Warehouse Metal Building -- 3.4 160 ft Tall Office Building -- 3.5 160 ft Tall Office Building with Topographic

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Sommario/riassunto

Authors Stafford and Reinhold provide a comprehensive overview of the wind load provisions in Minimum Design Loads and Associated Criteria for Buildings and Other Structures, ASCE/SEI 7-22, focusing on providing direction while using the provisions that affect planning, designing, and constructing buildings for residential and commercial purposes.