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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction and Perspective -- Engineering Approach to Industrial Fire Protection -- Statistical Overview of Industrial Fires and Explosions -- Historical Industrial Fires and Explosions -- Plant Siting and Layout -- Fire Protection Siting Considerations -- Plant Layout for Fire Protection -- Fire Resistant Construction -- Fire Resistant Construction Materials -- Fire Resistance Calculations -- Fire Resistance Testing -- Fire Walls -- Fire Doors -- Insulated Metal Deck Roofing -- Water Spray Protection of Exposed Structures -- Smoke Isolation and Venting -- Isolation and Halon Suppression within -- Ventilated Equipment -- Isolation within Rooms -- Buiding Smoke Control -- Heat and Smoke Venting -- Heat and Smoke Vents in Sprinklered Buildings -- Warehouse Storage -- Warehouse Fire Losses -- Storage Configurations -- Storage Height Effects -- Commodity Effects -- Sprinkler Flow Rate Requirements -- Modelling of Sprinklered Warehouse Fires -- Cold Storage Warehouse Fire Protection -- Storage of Special. Commodities and Bulk Storage -- Roll Paper -- Nonwoven Roll Goods -- Tire Storage -- Aerosol Products -- Solid Oxidizers -- Bulk Storage -- Flammable Liquids Ignitability and Extinguishability -- Incident Data -- Ignitability Temperatures -- Electrostatic Ignitability -- Pool and Spill Fire Heat Release Rates -- Spray Fires -- Water Spray Extinguishment -- Foam Extinguishment -- Dry Chemical and Twin Agent Extinguishment -- Carbon Dioxide Suppression -- Halon Replacement Suppression Agents -- Flammable Liquid Storage -- Storage Tanks -- Drum Storage -- Flammable Liquids in Small Containers -- Electrical Cables and

Equipment -- Electrical Cables: Generic Description -- Cable Fire Incidents -- Cable Flammability Tests and Classifications -- Vertical Cable Tray Fire Test Data -- Horizontal Cable Tray Fire Test Data -- Cable Fire Suppression Tests -- Passive Protection: Coating and Wraps -- Protection Guidelines and Practices -- Electronic Equipment Flammability and Vulnerability -- Transformer Fire. Protection -- Flame Radiation -- Historic Industrial Fires and Explosions -- Blast Waves.
