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Disciplina	660/.2804
Soggetti	Chemical engineering - Safety measures Chemical engineering - Risk assessment - United States Chemical plants - Inspection - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Piping systems -- Atmospheric tanks -- Pressure vessels -- Valves -- Centrifugal pumps -- Centrifugal fans, blowers, and compressors -- Steam systems -- Steam turbines -- Cooling towers -- Distillation columns -- Heat exchangers -- Neutralizers and scrubbers -- Fired equipment -- Positive displacement pumps -- Positive displacement compressors -- Electrical systems -- Vent systems, incinerators, thermal oxidizers, and flares Chapter 18 Instrumentation -- Safety instrumented systems -- Package equipment -- Reactors -- Rupture discs and relief valves -- Dusts and solids -- Utilities and miscellaneous -- Before the process hazard analysis -- During the process hazard analysis -- After the process hazard analysis -- Extended risk analysis -- Experience and learning.
Sommario/riassunto	"This book, written specifically for PHA Facilitators, is designed to offer the benefit of actual operations experience from a 15-year career in chemical production. This book looks at specific types of industrial equipment and their failure modes. For each type of equipment, historical failures are discussed with examples. Then, a checklist of questions is provided. The PHA facilitator should ask those specific questions of the PHA team when examining that specific type of equipment. Chapters include specific types of chemical-manufacturing

equipment, including distillation columns, boilers, centrifugal pumps, positive-displacement pumps, fluidized beds, etc"--
