

1. Record Nr.	UNINA9910132174103321
Titolo	Guidelines for determining the probability of ignition of a released flammable mass // Center for Chemical Process Safety, New York, NY
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2014 ©2014
ISBN	1-68015-661-6 1-118-87029-8 1-118-87034-4 1-118-87038-7
Descrizione fisica	1 online resource (262 p.)
Classificazione	TEC009010
Disciplina	660/.2961
Soggetti	Flammable materials - Fires and fire prevention - Mathematical models Chemicals - Fires and fire prevention - Mathematical models Chemical processes - Safety measures - Mathematical models Probabilities - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	ESTIMATION METHODS -- TECHNICAL BACKGROUND AND DATA SOURCES -- ADDITIONAL EXAMPLES -- SOFTWARE ILLUSTRATION -- APPENDIX A: CHEMICAL PROPERTY DATA -- APPENDIX B: OTHER MODELS FOR CONSIDERATION.
Sommario/riassunto	"Complemented by an estimating tool spreadsheet based on a fixed set of chemicals to assist in all siting studies, [Guidelines for determining the probability of ignition of a released flammable mass] converts a "best guess" to a calculated value based on available information and current technology. The text provides a technology-based approach to deriving the probability that a flammable mass will find an ignition source and ignite. It offers valuable information in the development of a facility's Emergency Response Plan"--