

1. Record Nr.	UNINA9910962641403321
Autore	Smith David J
Titolo	Reliability, maintainability and risk : practical methods for engineers // David J. Smith
Pubbl/distr/stampa	Oxford [U.K.] ; ; Waltham, Mass., : Butterworth-Heinemann, 2011
ISBN	9786613171115 9781283171113 1283171112 9780080969039 0080969038
Edizione	[8th ed.]
Descrizione fisica	1 online resource (463 p.)
Collana	IChemE
Disciplina	620.0045 620.00452
Soggetti	Reliability (Engineering) Maintainability (Engineering) Engineering design
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	pt. 1. Understanding reliability parameters and costs -- pt. 2. Interpreting failure rates -- pt. 3. Predicting reliability and risk -- pt. 4. Achieving reliability and maintainability -- pt. 5. Legal, management and safety considerations.
Sommario/riassunto	This book provides engineers with the safety and risk assessment tools and techniques they need to work effectively in any safety or reliability critical environment. These tools are primarily statistical. Where David Smith's book succeeds is by meeting the needs of an applied audience by setting these tools in the context of the design and operation of safety related processes and systems. Now in its Eighth Edition, this is regarded as the core reference in this field, and the success of its approach is reflected in the popularity of this standard work. It deals with all aspects of