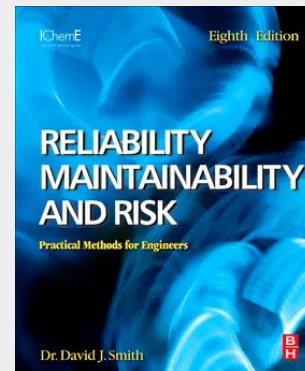


## Reliability, Maintainability and Risk

Practical Methods for Engineers including Reliability Centred Maintenance and Safety-Related Systems

Reliability, Maintainability and Risk: Practical Methods for Engineers, Eighth Edition, discusses tools and techniques for reliable and safe engineering, and for optimizing maintenance strategies. It emphasizes the importance of using reliability techniques to identify and eliminate potential failures early in the design cycle. The focus is on techniques known as RAMS (reliability, availability, maintainability, and safety-integrity). The book is organized into five parts. Part 1 on reliability parameters and costs traces the history of reliability and safety technology and presents a cost-effective approach to quality, reliability, and safety. Part 2 deals with the interpretation of failure rates, while Part 3 focuses on the prediction of reliability and risk. Part 4 discusses design and assurance techniques; review and testing techniques; reliability growth modeling; field data collection and feedback; predicting and demonstrating repair times; quantified reliability maintenance; and systematic failures. Part 5 deals with legal, management and safety issues, such as project management, product liability, and safety legislation.



Auf Anfrage

*Nicht mehr lieferbar*

**Artikelnummer:** 9780080969022

**Medium:** Buch

**ISBN:** 978-0-08-096902-2

**Verlag:** Elsevier Science & Technology

**Erscheinungstermin:** 29.06.2011

**Sprache(n):** Englisch

**Auflage:** Erscheinungsjahr 2011

**Produktform:** Kartoniert

**Gewicht:** 860 g

**Seiten:** 436

**Format (B x H):** 191 x 235 mm

