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Titolo	Maximizing machinery uptime [e-book] / Fred K. Geitner and Heinz P. Bloch
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Descrizione fisica	x, 661 p. : ill. ; 24 cm
Collana	Practical machinery management for process plants ; v. 5
Altri autori (Persone)	Bloch, Heinz P., 1933-
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Nota di contenuto	Maximizing Machinery Uptime -- Contents -- Acknowledgement -- Preface -- 1 Introduction -- 2 Definitions: Reliability and Uptime -- Or: The meaning of reliability -- 3 Uptime as probability of success -- 4 Estimating machinery reliability -- 5 Is there a universal approach to predicting machinery uptime? -- 6 Predicting uptime of turbomachinery -- 7 Failure mode and effect analysis -- 8 Fault tree analysis -- 9 Machinery risk and hazard assessment -- 10 Machinery system availability analysis -- 11 Practical field uptime assessment -- 12 Life cycle analysis -- 13 Start with good specifications -- 14 Good installation makes a difference -- 15 Proper operation is key to machinery uptime -- 16 Good maintenance is important -- 17 Continuous improvement-a key to machinery uptime -- 18 Review of mechanical structures and piping for machinery
Sommario/riassunto	The authors use their decades of experience and draw upon real-world examples to demonstrate that the application of their techniques provides a basis for equipment management, uptime maximization, and reduced maintenance costs. The text explores reliability assessment techniques such as Failure Mode, Effect Analysis, and Fault Tree Analysis of commonly encountered rotating machinery. These are

all highly effective techniques that the engineer can apply to maximize uptime and thereby maximize production and profitability. *Provides the tools to drastically improve machinery productivity and performance *Bridges the gap between the theory of "reliability engineering" and the practical day-to-day measures that lead to machinery uptime *Authoritative reference for maximizing the uptime of process equipment
