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Titolo	Physical Asset Management : With an Introduction to ISO55000 // by Nicholas Anthony John Hastings
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ISBN	3-319-14777-3
Edizione	[2nd edition]
Descrizione fisica	1 online resource (XXXI, 540 pages) : illustrations (some colour)
Disciplina	658.15242
Soggetti	Industrial organization Quality control Reliability Industrial safety Accounting Bookkeeping Production management Manufactures Industrial Organization Quality Control, Reliability, Safety and Risk Accounting/Auditing Operations Management Manufacturing, Machines, Tools, Processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Introduction to Asset Management -- Structure and Activities -- Asset Management Personnel -- From Concept to Project Approval -- Financial Methods -- Developing a Business Case -- Implementing Development Plans -- Life Cycle Costing -- Know Your Assets -- Asset Continuity Planning -- Management of In-Service Assets -- Capital Planning and Budget -- Asset Management Information Systems -- Cost-Benefit Analysis -- Risk Analysis and Risk Management -- Outsourcing -- Logistic Support -- Asset Basic care -- Maintenance

Organization and Budget -- Stock Control -- Reliability, Availability and Maintainability -- Safety 407 -- Profit, Depreciation and Tax -- Asset Decision Examples -- Economic Life -- Equipment Replacement Decisions -- Further Financial Topics -- Performance, Audit and Review -- ISO55000 Series Standards.

Sommario/riassunto

Significantly extended from the first edition and published in response to the new international standard ISO55000, this book on physical asset management (2nd Ed.) presents a systematic approach to the management of physical assets from concept to disposal. It introduces the general principles of physical asset management and covers all stages of the asset management process, including initial business appraisal, identification of fixed asset needs, capability gap analysis, financial evaluation, logistic support analysis, life cycle costing, management of in-service assets, maintenance strategy, outsourcing, cost-benefit analysis, disposal and renewal. Physical asset management is the management of fixed assets such as equipment, plant, buildings and infrastructure. Features include: *Suitable for university courses and builds on first edition to provide further analytical material *Aligned with the international asset management standard ISO55000 *Provides a basis for the establishment of physical asset management as a professional discipline *Presents case studies, analytical techniques and numerical examples with solutions Written for practitioners and students in asset management, this textbook provides an essential foundation to the topic. It is suitable for an advanced undergraduate or postgraduate course in asset management, and also offers an ideal reference text for engineers and managers specializing in asset management, reliability, maintenance, logistics or systems engineering. .
