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KEY=CONTROLLER - KIRK JACOBS

DESIGN AND ANALYSIS OF CONTROL SYSTEMS

CRC Press **Written to inspire and cultivate the ability to design and analyze feasible control algorithms for a wide range of engineering applications, this comprehensive text covers the theoretical and practical principles involved in the design and analysis of control systems. From the development of the mathematical models for dynamic systems, the author shows how they are used to obtain system response and facilitate control, then addresses advanced topics, such as digital control systems, adaptive and robust control, and nonlinear control systems.**

IRRIGATION MANAGEMENT

PRINCIPLES AND PRACTICES

CABI **In many countries irrigated agriculture consumes a large proportion of the available water resources, often over 70% of the total. There is considerable pressure to release water for other uses and, as a sector, irrigated agriculture will have to increase the efficiency and productivity of its water use. This is particularly true for manually operated**

irrigation systems managed by government agencies, which provide water for a large number of users on small landholdings and represent 60% of the total irrigated area worldwide. Drawing on the author's 30 years of experience in some 28 countries, this book offers knowledge of the management of irrigation and drainage systems, including traditional technical areas of systems operation and maintenance, and expanding managerial, institutional and organizational aspects. Chapters provide guidelines to improve management, operation and maintenance processes, which move management thinking out of traditional public-sector mindsets to a more customer-focused, performance-oriented service delivery. As a practical guide to improve efficiency and productivity in irrigated agriculture, this book will be essential reading for irrigation managers and technicians as well as students and policy makers in water management, agriculture and sustainable development.

ENCYCLOPEDIA OF WATER SCIENCE

CRC Press Filled with figures, images, and illustrations, **Encyclopedia of Water Science, Second Edition** provides effective concepts and procedures in environmental water science and engineering. It unveils a wide spectrum of design concepts, methods, and solutions for enhanced performance of water quality, treatment, conservation, and irrigation methods, as well as improved water efficiency in industrial, municipal, and agricultural programs. The second edition also includes greatly enhanced coverage of streams and lakes as well as many regional case studies. An International Team Addresses Important Issues The only source to provide full coverage of current debates in the field, the encyclopedia offers professional expertise on vital issues including: Current laws and regulations Irrigation management Environmental water economics Agroforestry Erosion control Nutrient best management practices Water sanitation Stream and lake morphology and processes Sharpen Your Skills – Meet Challenges Well-Armed A direct and reliable source for best practices in water handling, preservation, and recovery, the encyclopedia examines challenges in the provision of safe water supplies, guiding environmental professionals as they face a worldwide demand for sanitary and affordable water reserves. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: Citation tracking and alerts Active reference linking Saved searches and marked lists HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk

DESIGN MANUAL, MECHANICAL ENGINEERING

BUDOCKS TECHNICAL DIGEST

PLANT ENGINEER'S REFERENCE BOOK

Elsevier A plant engineer is responsible for a wide range of industrial activities, and may work in any industry. The Plant Engineer's Reference Book 2nd Edition is a reference work designed to provide a primary source of information for the plant engineer. Subjects include the selection of a suitable site for a factory and provision of basic facilities, including boilers, electrical systems, water, HVAC systems, pumping systems and floors and finishes. Detailed chapters deal with basic issues such as lubrication, corrosion, energy conservation, maintenance and materials handling as well as environmental considerations, insurance matters and financial concerns. The editor, Dennis Snow, has experience of a wide range of operations in the UK, Europe, the USA, and elsewhere in the world. Produced with the backing of the Institution of Plant Engineers, the Plant Engineer's Reference Book, 2nd Edition provides complete coverage of the information needed by plant engineers in any industry worldwide. Wide range of information will prove to be use to engineers in any industry Covers all the topics necessary to design and develop an engineering plant Will help engineers in industry deal with practical problems in a variety of situations

HANDBOOK OF GROUND WATER DEVELOPMENT

John Wiley & Sons The definitive work on the subject, it offers you comprehensive and accurate coverage of the theory and techniques of ground water development. Provides not only a general overview of the topic with applications but also incorporates sufficient detail to be of use to professionals involved in any phase of ground water. Divided into three parts, the text traces the progression of the study of ground water from its origin through its development and exploitation. Part one deals mainly with the nature of ground water and where it can be found. Part two considers the parameters related to water well design and construction. In part three, there is a thorough review of well and well field operation, including monitoring for environmental protection. Although the focus is on high-capacity ground water producing installations, most of the material is also applicable to lower-yield wells.

MANUAL ...

SCREENING EQUIPMENT HANDBOOK

CRC Press This updated second edition summarizes screening equipment options available for industrial and municipal water and wastewater treatment. It provides a consolidated source of basic design and application to assist engineers in selecting a screen best suited for the particular application.

BUREAU OF SHIPS MANUAL: LOW PRESSURE STEAM PLANTS (1948)

BUREAU OF SHIPS MANUAL

CONSTRUCTION ELECTRICIAN 1 & C

AIR FORCE MANUAL

RAILWAY AGE

HYDROGRAPHIC MANUAL

BUREAU OF SHIPS JOURNAL

BUREAU OF SHIPS JOURNAL

ANALYSIS, DESIGN AND EVALUATION OF MAN-MACHINE SYSTEMS 1992

SELECTED PAPERS FROM THE FIFTH IFAC/IFIP/IFORS/IEA SYMPOSIUM, THE HAGUE, NETHERLANDS, 9 - 11 JUNE 1992

Elsevier Containing 4 plenary papers and 38 technical papers, this volume contributes to the literature on the important subject of man-machine systems. The many topics discussed include human performance skills, knowledge engineering and expert systems, training procedures, human performance and mental load models, and human-machine interfaces.

THE CODE OF FEDERAL REGULATIONS OF THE UNITED STATES OF AMERICA

The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government.

STATE OF THE TECHNOLOGY, SEMI-AUTOMATIC CONTROL OF ACTIVATED SLUDGE TREATMENT PLANTS

ROLE OF SEDIMENT TRANSPORT IN OPERATION AND MAINTENANCE OF SUPPLY AND DEMAND BASED IRRIGATION CANALS: APPLICATION TO MACHAI MAIRA BRANCH CANALS

UNESCO-IHE PHD THESIS

CRC Press This work describes the role of sediment transport in the operation and maintenance of demand-based downstream controlled irrigation canals. Sediment deposition in these irrigation canals severely affects the operation of the automatic flow control system. The book also discusses sediment transport modelling in irrigation canals. A simplified 1-D mathematical model SETRIC (SEdiment TRansport in Irrigation Canals) has been improved with the inclusion of downstream control component for the downstream controlled irrigation canals. Based on field measurements and sediment transport modelling, a number of approaches have been proposed for sediment management in such irrigation canals by improvement in their design and operation. This book will be of interest to Irrigation Engineers and Managers, Hydraulic Engineers, Water Resources Engineers and Managers, Civil Engineers, and Agricultural Engineers.

HANDBOOK OF COASTAL AND OCEAN ENGINEERING

World Scientific Presents an overview of shallow-water waves, water level fluctuations, coastal and offshore structures, port and harbors, coastal sediment processes, environmental problems, coastal hazards, physical modeling, and other issues in coastal and ocean engineering.

CENTRAL BOILER PLANTS

DATA ENGINEERING AND COMMUNICATION TECHNOLOGY

PROCEEDINGS OF 3RD ICDECT-2K19

[Springer Nature](#) This book includes selected papers presented at the 3rd International Conference on Data Engineering and Communication Technology (ICDECT-2K19), held at Stanley College of Engineering and Technology for Women, Hyderabad, from 15 to 16 March 2019. It features advanced, multidisciplinary research towards the design of smart computing, information systems, and electronic systems. It also focuses on various innovation paradigms in system knowledge, intelligence, and sustainability which can be applied to provide viable solutions to diverse problems related to society, the environment, and industry.

BOILER OPERATOR'S HANDBOOK, SECOND EDITION

[CRC Press](#) This book was written specifically for boiler plant operators and supervisors who want to learn how to lower plant operating costs, as well as how to operate plants of all types and sizes more wisely. It is newly revised with guidelines for HRSGs, combined cycle systems, and environmental effects of boiler operation. Also included is a new chapter on refrigeration systems that addresses the environmental effects of inadvertent and intentional discharges of refrigerants. Going beyond the basics of "keeping the pressure up," the author explains in clear terms how to set effective priorities to ensure optimal plant operation, including ensuring safety and continuity of operations, preventing damage, managing environmental impact, training replacement plant operators, logging and preserving historical data, and operating the plant economically.

MECHANICAL ENGINEERING

THE JOURNAL OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

"History of the American society of mechanical engineers. Preliminary report of the committee on Society history," issued from time to time, beginning with v. 30, Feb. 1908.

BOILER OPERATOR'S HANDBOOK

[CRC Press](#) With the increased interest in climate impacts, sustainability, and efficiency, more responsibility is being

placed on boiler operators to help improve performance and reduce emissions. This third edition of the Boiler Operator's Handbook is intended to help such operators in the quest for improved operability and performance of their boilers and their plants. The theme of this book is to "operate wisely". The goal is to instill not only "know how" but "know why". The main details have been provided by the original author, Mr. Ken Heselton. This updated version has been somewhat expanded to include a wider range of examples and some of the more recent environmental requirements. To illustrate these points, topics include multi boiler operations, understanding the plant load, maintenance issues, and controls. Every plant is different. However, it is hoped that with the information provided in this book, the wise operator will be able to address the various unique issues posed by the specific plant and provide timely solutions to meet the present-day requirements.

ENGINEERING AND DESIGN

WATER SUPPLY, WATER TREATMENT, MOBILIZATION CONSTRUCTION

BOILER OPERATOR'S HANDBOOK, SECOND EDITION

Lulu Press, Inc This book was written specifically for boiler plant operators and supervisors who want to learn how to lower plant operating costs, as well as how to operate plants of all types and sizes more wisely. This newly revised edition provides guidelines for HRSGs, combined cycle systems, and environmental effects of boiler operation. Also included is a new chapter on refrigeration systems which addresses the environmental effects of inadvertent and intentional discharges of refrigerants. Going beyond the basics of "keeping the pressure up," the author explains in clear terms how to set effective priorities to assure optimum plant operation, including safety, continuity of operation, damage prevention, managing environmental impact, training replacement plant operators, logging and preserving historical data, and operating the plant economically.

STEAM-COOLED POWER REACTOR EVALUATION

MIXED SPECTRUM SUPERHEATER

BOILER PLANT AND DISTRIBUTION SYSTEM OPTIMIZATION MANUAL, THIRD EDITION

CRC Press **The book has been upgraded with ten new checklists with over 100 ways to improve performance with 50 additional illustrations to communicate specific information about applying these technologies. The new checklists serve as a handy reference for designing an energy plan for your plants. Understanding that funds for energy come directly from your bottom line, this book has been designed for those tasked with increasing profits by reducing fuel costs while also reducing pollution and carbon footprints with attention to plant safety. The author presents many complex boiler-related topics in a simple and understandable way to simplify the decision-making process.**

BULLETIN

HANDBOOK OF PUBLIC WATER SYSTEMS

John Wiley & Sons **Public water systems deliver high-quality water to the public. They also present a vast array of problems, from pollution monitoring and control to the fundamentals of hydraulics and pipe fitting.**

OVER 200 U.S. DEPARTMENT OF ENERGY MANUALS COMBINED: CLASSICAL PHYSICS; ELECTRICAL SCIENCE; THERMODYNAMICS, HEAT TRANSFER AND FLUID FUNDAMENTALS; INSTRUMENTATION AND CONTROL; MATHEMATICS; CHEMISTRY; ENGINEERING SYMBOLOGY; MATERIAL SCIENCE; MECHANICAL SCIENCE; AND NUCLEAR PHYSICS AND REACTOR THEORY

Jeffrey Frank Jones **Over 19,000 total pages ... Public Domain U.S. Government published manual: Numerous illustrations and matrices. Published in the 1990s and after 2000. TITLES and CONTENTS: ELECTRICAL SCIENCES - Contains the following manuals: Electrical Science, Vol 1 - Electrical Science, Vol 2 - Electrical Science, Vol 3 - Electrical Science, Vol 4 - Thermodynamics, Heat Transfer, And Fluid Flow, Vol 1 - Thermodynamics, Heat Transfer, And Fluid Flow, Vol 2 - Thermodynamics, Heat Transfer, And Fluid Flow, Vol 3 - Instrumentation And Control, Vol 1 - Instrumentation And Control, Vol 2 Mathematics, Vol 1 - Mathematics, Vol 2 - Chemistry, Vol 1 - Chemistry, Vol 2 - Engineering Symbology, Prints, And Drawings, Vol 1 - Engineering Symbology, Prints, And Drawings, Vol 2 - Material Science, Vol 1 - Material Science, Vol 2 - Mechanical Science, Vol 1 - Mechanical Science, Vol 2 - Nuclear Physics And Reactor Theory, Vol 1 - Nuclear Physics And Reactor Theory, Vol 2. CLASSICAL PHYSICS - The Classical Physics Fundamentals includes**

information on the units used to measure physical properties; vectors, and how they are used to show the net effect of various forces; Newton's Laws of motion, and how to use these laws in force and motion applications; and the concepts of energy, work, and power, and how to measure and calculate the energy involved in various applications. * Scalar And Vector Quantities * Vector Identification * Vectors: Resultants And Components * Graphic Method Of Vector Addition * Component Addition Method * Analytical Method Of Vector Addition * Newton's Laws Of Motion * Momentum Principles * Force And Weight * Free-Body Diagrams * Force Equilibrium * Types Of Force * Energy And Work * Law Of Conservation Of Energy * Power - ELECTRICAL SCIENCE: The Electrical Science Fundamentals Handbook includes information on alternating current (AC) and direct current (DC) theory, circuits, motors, and generators; AC power and reactive components; batteries; AC and DC voltage regulators; transformers; and electrical test instruments and measuring devices. * Atom And Its Forces * Electrical Terminology * Units Of Electrical Measurement * Methods Of Producing Voltage (Electricity) * Magnetism * Magnetic Circuits * Electrical Symbols * DC Sources * DC Circuit Terminology * Basic DC Circuit Calculations * Voltage Polarity And Current Direction * Kirchhoff's Laws * DC Circuit Analysis * DC Circuit Faults * Inductance * Capacitance * Battery Terminology * Battery Theory * Battery Operations * Types Of Batteries * Battery Hazards * DC Equipment Terminology * DC Equipment Construction * DC Generator Theory * DC Generator Construction * DC Motor Theory * Types Of DC Motors * DC Motor Operation * AC Generation * AC Generation Analysis * Inductance * Capacitance * Impedance * Resonance * Power Triangle * Three-Phase Circuits * AC Generator Components * AC Generator Theory * AC Generator Operation * Voltage Regulators * AC Motor Theory * AC Motor Types * Transformer Theory * Transformer Types * Meter Movements * Voltmeters * Ammeters * Ohm Meters * Wattmeters * Other Electrical Measuring Devices * Test Equipment * System Components And Protection Devices * Circuit Breakers * Motor Controllers * Wiring Schemes And Grounding THERMODYNAMICS, HEAT TRANSFER AND FLUID FUNDAMENTALS. The Thermodynamics, Heat Transfer, and Fluid Flow Fundamentals Handbook includes information on thermodynamics and the properties of fluids; the three modes of heat transfer - conduction, convection, and radiation; and fluid flow, and the energy relationships in fluid systems. * Thermodynamic Properties * Temperature And Pressure Measurements * Energy, Work, And Heat * Thermodynamic Systems And Processes * Change Of Phase * Property Diagrams And Steam Tables * First Law Of Thermodynamics * Second Law Of Thermodynamics * Compression Processes * Heat Transfer Terminology * Conduction Heat Transfer * Convection Heat Transfer * Radiant Heat Transfer * Heat Exchangers * Boiling Heat Transfer * Heat Generation * Decay Heat * Continuity Equation * Laminar And Turbulent Flow * Bernoulli's Equation * Head Loss * Natural Circulation * Two-Phase Fluid Flow * Centrifugal Pumps INSTRUMENTATION AND CONTROL. The Instrumentation and Control Fundamentals Handbook includes information on

temperature, pressure, flow, and level detection systems; position indication systems; process control systems; and radiation detection principles. * Resistance Temperature Detectors (Rtds) * Thermocouples * Functional Uses Of Temperature Detectors * Temperature Detection Circuitry * Pressure Detectors * Pressure Detector Functional Uses * Pressure Detection Circuitry * Level Detectors * Density Compensation * Level Detection Circuitry * Head Flow Meters * Other Flow Meters * Steam Flow Detection * Flow Circuitry * Synchro Equipment * Switches * Variable Output Devices * Position Indication Circuitry * Radiation Detection Terminology * Radiation Types * Gas-Filled Detector * Detector Voltage * Proportional Counter * Proportional Counter Circuitry * Ionization Chamber * Compensated Ion Chamber * Electroscopie Ionization Chamber * Geiger-Müller Detector * Scintillation Counter * Gamma Spectroscopy * Miscellaneous Detectors * Circuitry And Circuit Elements * Source Range Nuclear Instrumentation * Intermediate Range Nuclear Instrumentation * Power Range Nuclear Instrumentation * Principles Of Control Systems * Control Loop Diagrams * Two Position Control Systems * Proportional Control Systems * Reset (Integral) Control Systems * Proportional Plus Reset Control Systems * Proportional Plus Rate Control Systems * Proportional-Integral-Derivative Control Systems * Controllers * Valve Actuators

MATHEMATICS The Mathematics Fundamentals Handbook includes a review of introductory mathematics and the concepts and functional use of algebra, geometry, trigonometry, and calculus. Word problems, equations, calculations, and practical exercises that require the use of each of the mathematical concepts are also presented. * Calculator Operations * Four Basic Arithmetic Operations * Averages * Fractions * Decimals * Signed Numbers * Significant Digits * Percentages * Exponents * Scientific Notation * Radicals * Algebraic Laws * Linear Equations * Quadratic Equations * Simultaneous Equations * Word Problems * Graphing * Slopes * Interpolation And Extrapolation * Basic Concepts Of Geometry * Shapes And Figures Of Plane Geometry * Solid Geometric Figures * Pythagorean Theorem * Trigonometric Functions * Radians * Statistics * Imaginary And Complex Numbers * Matrices And Determinants * Calculus

CHEMISTRY The Chemistry Handbook includes information on the atomic structure of matter; chemical bonding; chemical equations; chemical interactions involved with corrosion processes; water chemistry control, including the principles of water treatment; the hazards of chemicals and gases, and basic gaseous diffusion processes. * Characteristics Of Atoms * The Periodic Table * Chemical Bonding * Chemical Equations * Acids, Bases, Salts, And Ph * Converters * Corrosion Theory * General Corrosion * Crud And Galvanic Corrosion * Specialized Corrosion * Effects Of Radiation On Water Chemistry (Synthesis) * Chemistry Parameters * Purpose Of Water Treatment * Water Treatment Processes * Dissolved Gases, Suspended Solids, And Ph Control * Water Purity * Corrosives (Acids And Alkalies) * Toxic Compound * Compressed Gases * Flammable And Combustible Liquids

ENGINEERING SYMBOLOGY. The Engineering Symbology, Prints, and Drawings Handbook includes information

on engineering fluid drawings and prints; piping and instrument drawings; major symbols and conventions; electronic diagrams and schematics; logic circuits and diagrams; and fabrication, construction, and architectural drawings. * Introduction To Print Reading * Introduction To The Types Of Drawings, Views, And Perspectives * Engineering Fluids Diagrams And Prints * Reading Engineering P&IDs * P&ID Print Reading Example * Fluid Power P&IDs * Electrical Diagrams And Schematics * Electrical Wiring And Schematic Diagram Reading Examples * Electronic Diagrams And Schematics * Examples * Engineering Logic Diagrams * Truth Tables And Exercises * Engineering Fabrication, Construction, And Architectural Drawings * Engineering Fabrication, Construction, And Architectural Drawing, Examples MATERIAL SCIENCE. The Material Science Handbook includes information on the structure and properties of metals, stress mechanisms in metals, failure modes, and the characteristics of metals that are commonly used in DOE nuclear facilities. * Bonding * Common Lattice Types * Grain Structure And Boundary * Polymorphism * Alloys * Imperfections In Metals * Stress * Strain * Young's Modulus * Stress-Strain Relationship * Physical Properties * Working Of Metals * Corrosion * Hydrogen Embrittlement * Tritium/Material Compatibility * Thermal Stress * Pressurized Thermal Shock * Brittle Fracture Mechanism * Minimum Pressurization-Temperature Curves * Heatup And Cooldown Rate Limits * Properties Considered * When Selecting Materials * Fuel Materials * Cladding And Reflectors * Control Materials * Shielding Materials * Nuclear Reactor Core Problems * Plant Material Problems * Atomic Displacement Due To Irradiation * Thermal And Displacement Spikes * Due To Irradiation * Effect Due To Neutron Capture * Radiation Effects In Organic Compounds * Reactor Use Of Aluminum MECHANICAL SCIENCE. The Mechanical Science Handbook includes information on diesel engines, heat exchangers, pumps, valves, and miscellaneous mechanical components. * Diesel Engines * Fundamentals Of The Diesel Cycle * Diesel Engine Speed, Fuel Controls, And Protection * Types Of Heat Exchangers * Heat Exchanger Applications * Centrifugal Pumps * Centrifugal Pump Operation * Positive Displacement Pumps * Valve Functions And Basic Parts * Types Of Valves * Valve Actuators * Air Compressors * Hydraulics * Boilers * Cooling Towers * Demineralizers * Pressurizers * Steam Traps * Filters And Strainers NUCLEAR PHYSICS AND REACTOR THEORY. The Nuclear Physics and Reactor Theory Handbook includes information on atomic and nuclear physics; neutron characteristics; reactor theory and nuclear parameters; and the theory of reactor operation. * Atomic Nature Of Matter * Chart Of The Nuclides * Mass Defect And Binding Energy * Modes Of Radioactive Decay * Radioactivity * Neutron Interactions * Nuclear Fission * Energy Release From Fission * Interaction Of Radiation With Matter * Neutron Sources * Nuclear Cross Sections And Neutron Flux * Reaction Rates * Neutron Moderation * Prompt And Delayed Neutrons * Neutron Flux Spectrum * Neutron Life Cycle * Reactivity * Reactivity Coefficients * Neutron Poisons * Xenon * Samarium And Other Fission Product Poisons * Control Rods * Subcritical Multiplication *

Reactor Kinetics * Reactor

NAVDOCKS.

WATER SYSTEMS OPERATION AND MAINTENANCE WORKSHOP ... SESSION NOTES

WATER SYSTEMS OPERATION AND MAINTENANCE WORKSHOP, 1990

SESSION NOTES

CODE OF FEDERAL REGULATIONS

SHIPPING. 46

Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of ... with ancillaries.

GUIDELINES FOR PROCESS SAFETY IN BATCH REACTION SYSTEMS

John Wiley & Sons Batch reaction systems pose unique challenges to process safety managers because they do not operate in a steady state. The sequence of processing steps, and frequent start-ups and shutdowns, increase the possibility of human errors and equipment failures. And, since batch plants are often designed for shared use, frequent modification of piping and layout may occur, resulting in complex "management of change" issues. This book identifies the singular concerns of batch reaction systems—including potential sources of unsafe conditions—and provides a "how-to" guide for the practicing engineer in dealing with them by applying appropriate practices to prevent accidents.

PLANT ENGINEER'S HANDBOOK

Elsevier Plant engineers are responsible for a wide range of industrial activities, and may work in any industry. This means that breadth of knowledge required by such professionals is so wide that previous books addressing plant engineering have either been limited to only certain subjects or cursory in their treatment of topics. The Plant

Engineering Handbook offers comprehensive coverage of an enormous range of subjects which are of vital interest to the plant engineer and anyone connected with industrial operations or maintenance. This handbook is packed with indispensable information, from defining just what a Plant Engineer actually does, through selection of a suitable site for a factory and provision of basic facilities (including boilers, electrical systems, water, HVAC systems, pumping systems and floors and finishes) to issues such as lubrication, corrosion, energy conservation, maintenance and materials handling as well as environmental considerations, insurance matters and financial concerns. One of the major features of this volume is its comprehensive treatment of the maintenance management function; in addition to chapters which outline the operation of the various plant equipment there is specialist advice on how to get the most out of that equipment and its operators. This will enable the reader to reap the rewards of more efficient operations, more effective employee contributions and in turn more profitable performance from the plant and the business to which it contributes. The Editor, Keith Mobley and the team of expert contributors, have practiced at the highest levels in leading corporations across the USA, Europe and the rest of the world. Produced in association with Plant Engineering magazine, this book will be a source of information for plant engineers in any industry worldwide. * A Flagship reference work for the Plant Engineering series * Provides comprehensive coverage on an enormous range of subjects vital to plant and industrial engineer * Includes an international perspective including dual units and regulations