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Practical, hands-on expertise and technical data, covering essential issues in design, construction, operations and maintenance... The editors, a team of leaders in facilities and plant management, have selected key information with the most common applications in managing facilities operations. Coverage includes: Economics (budgeting/cost control, financial analysis, VE, etc.) Civil engineering and construction practices Maintenance (with detailed staffing guidance and job descriptions, CMMS, planning, scheduling, training, work orders, inventory, preventive/predictive maintenance) Energy efficiencies (optimizing energy use, including heating, cooling, lighting, and water) HVAC Mechanical engineering Instrumentation and controls Environmental, health and safety issues

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A new paradigm in facility management A unique, just-in-time resource from profession leader Eric Teicholz, Facility Design and Management Handbook empowers you to make your facility state of the art. Packed with tips from U.S. and international case studies from government, health care, retail, finance, manufacturing, and academia, this guide gives you access to the productivity tools, technologies, and stratagems that have revolutionized the field in the last five years, helping you to: Find the best, most cost-effective solutions for issues from "greenness" and sustainability to disaster recovery and technology integration Use new tools for space and asset allocation, project management, process coordination, and systems integration Improve accuracy in financial forecasting, budgeting, architectural and interior design planning, and market research Create cost-effective "smart" buildings with state-of-the art security, energy management, lighting strategies, and maintenance efficiency Discover innovative solutions for human resources needs Integrate the Internet into your management program Automate nearly all your tasks for major productivity gains Apply benchmarking standards and other measurements that demonstrate and assure facility management productivity Accompanying time-saving, efficiency-boosting CD-ROM is loaded with sample documents—from budgets, schedules, plans to cost-benefit analyses, checklists, forms and audits; standards for communications and database, integration, building and construction, CAD conventions; Web links and other resources.

An Updated Guide to Establishing Cutting-Edge Operations and Maintenance Procedures for Today's Complex Facilities An essential on-the-job resource, Facility Manager's Maintenance Handbook presents step-by-step coverage of the planning, design, and execution of operations and maintenance procedures for structures, equipment, and systems in any type of facility. This career-building reference provides the tools needed to streamline facility management processes...reduce operational costs...and ensure the effective utilization, maintenance, repair, and renovation of existing physical assets. Now with 40% new information, this Second Edition includes brand-new chapters on emergency response procedures...maintenance operations benchmarking...capital and operational budgets management...boiler and steam plant operations... and other vital topics. The only book of its kind to cover both operations and maintenance, the updated Facility Manager's Maintenance Handbook features: Updated information on mechanical equipment and systems maintenance The latest fire protection procedures A comprehensive account of building codes Guidance on hazardous materials handling Excellent preparation for the IFMA Certified Facility Manager (CFM) qualification Inside This State-of-the-Art Facility Management Resource • Part 1: Organizing for Maintenance Operations • Part 2: Facility Operations and Maintenance • Operations • Part 3: Equipment and Systems Operations • Maintenance operations • Part 4: Facilities Emergency Preparedness operations • Part 5: Capital Investment

The practice of facility design and management has changed dramatically within the last five years. The scope of the profession, traditionally defined as the coordination of the physical workplace with the people and work of an organization, has expanded so that it now interfaces with virtually every element of a business from human resources to information systems and accounting. At the same time the technology supporting the various aspects of facility planning and management has evolved significantly and its use become increasingly pervasive. This Handbook covers the business needs, practices, and technology infrastructure of all aspects of facility planning, design, and management.

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