
Nema Sm23 Steam Turbines

Thermodynamics of the Steam Turbine
Steam Turbines
NEMA Standards Publication
ASTM-ASME-NEMA Recommended Practices for the Design of Steam Turbine Generator Oil Systems
Steam Turbines
Piping and Pipelines Assessment Guide
Steam Turbines
The Marine Steam Turbine
Steam Turbines, Their Design and Construction
Large Power Steam Turbines: Design
NEMA Steam Turbines for Mechanical Drive Service
Steam Turbines - Development and Engineering
NEMA Standards Publication
An Introduction to Steam Turbine Design
Steam Turbines
The Marine Steam Turbine
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The Steam Turbine
Steam Turbines
Steam-turbines
Steam Turbines and Turbo-compressors
Advances in Steam Turbines for Modern Power Plants
Steam Turbines
The Steam Turbine
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The Steam Turbine, the Rede Lecture 1911
Steam Turbine Design
NEMA Standards for Speed Governing and Pressure Control of Steam-turbine Generator Units
The Design and Construction of Steam Turbines
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NEMA Standards Publication
Steam Turbines
Steam Turbine Engines, Their Construction, Care and Operation ...
Steam Turbines
Steam-turbine Principles and Practice

Steam Turbines

A Practical Guide to Steam Turbine Technology

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Thermodynamics of the Steam Turbine Woodhead Publishing

The latest design and manufacturing details in mechanical drive steam turbines Steam Turbines shows how to select, improve, operate, and maintain high-quality mechanical drive steam turbines with maximum efficiency and minimum downtime. This new Second Edition offers authoritative information on the operating characteristics, design features, reliability, and maintenance of all steam turbines. A complete sourcebook, Steam Turbines delivers the expertise required to capitalize on the latest steam turbine and intermediate transmission unit innovations--and improve a plant's efficiency, availability, and profitability. Steam Turbines, Second Edition covers: Variable speed drives and intermediate gearing used for major process machinery and cogeneration drives-- with completely updated content Arrangement, material composition, and basic physical laws governing design of steam turbines How to select optimum configurations, controls, and components Options and ways to upgrade existing steam turbines

Steam Turbines Watchmaker Publishing

These books are the most comprehensive technical treatments of the design and operation of large power steam turbines available today. Characteristic types produced in the United States, Europe, Japan, and the former Soviet Union are detailed, along with design decisions regarding all the major turbine elements. Operational problems are discussed with special attention to transients, reliability, efficiency, and flexibility. Optimizing technology, automated control, and diagnostic monitoring also are covered.

NEMA Standards Publication McGraw Hill Professional

A practical reference on the operating characteristics, efficiencies, design features, reliability and maintenance of compressors and steam turbine drives, the types used in heavy process industries. Much of the material has been taken from steam turbine and compressor manufacturers from the USA and Europe. The user-oriented handbook focuses on techniques and selection process, as well as analysis problems, prevention, and maintenance and troubleshooting techniques.

ASTM-ASME-NEMA Recommended Practices for the Design of Steam Turbine Generator Oil Systems CUP Archive

Whether it's called "fixed equipment (at ExxonMobil), "stationary equipment (at Shell), or "static equipment (in Europe), this type of equipment is the bread and butter of any process plant. Used in the petrochemical industry, pharmaceutical industry, food processing industry, paper industry, and the manufacturing process industries, stationary equipment must be kept operational and reliable for companies to maintain production and for employees to be safe from accidents. This series, the most comprehensive of its kind, uses real-life examples and time-tested rules of thumb to guide the mechanical engineer through issues of reliability and fitness-for-service. This volume on piping and pipeline assessment is the only handbook that the mechanical or pipeline engineer needs to assess

pipes and pipelines for reliability and fitness-for-service.* Provides essential insight to make informed decisions on when to run, alter, repair, monitor, or replace equipment* How to perform these type of assessments and calculations on pipelines is a 'hot' issue in the petrochemical industry at this time* There is very little information on the market right now for pipers and pipeliners with regard to pipe and pipeline fitness-for-service

Steam Turbines Palala Press

Advances in Steam Turbines for Modern Power Plants provides an authoritative review of steam turbine design optimization, analysis and measurement, the development of steam turbine blades, and other critical components, including turbine retrofitting and steam turbines for renewable power plants. As a very large proportion of the world's electricity is currently generated in systems driven by steam turbines, (and will most likely remain the case in the future) with steam turbines operating in fossil-fuel, cogeneration, combined cycle, integrated gasification combined cycle, geothermal, solar thermal, and nuclear plants across the world, this book provides a comprehensive assessment of the research and work that has been completed over the past decades. - Presents an in-depth review on steam turbine design optimization, analysis, and measurement - Written by a range of experts in the area - Provides an overview of turbine retrofitting and advanced applications in power generation

Piping and Pipelines Assessment Guide McGraw Hill Professional

Introductory technical guidance for mechanical engineers and other professional engineers and construction managers interested in steam turbines. Here is what is discussed: 1. TYPICAL PLANTS AND CYCLES 2. COGENERATION IN STEAM POWER PLANTS 3. TURBINE TYPES 4. TURBINE GENERATOR SIZES 5. TURBINE THROTTLE PRESSURE AND TEMPERATURE 6. TURBINE EXHAUST PRESSURE 7. LUBRICATING OIL SYSTEMS 8. GENERATOR TYPES 9. GENERATOR COOLING 10. TURBINE GENERATOR CONTROL 11. TURNING GEAR 12. TURBINE GENERATOR FOUNDATIONS 13. AUXILIARY EQUIPMENT 14. INSTALLATION 15. CLEANUP, STARTUP, AND TESTING 16. OPERATION. *Steam Turbines* Pennwell Books

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