

<<热能与动力工程专业英语>>

图书基本信息

书名：<<热能与动力工程专业英语>>

13位ISBN编号：9787508393179

10位ISBN编号：7508393171

出版时间：2009-10

出版时间：中国电力出版社

作者：阎维平 主编

页数：206

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<热能与动力工程专业英语>>

内容概要

本书为普通高等教育“十一五”国家级规划教材。

本书包含了热能与动力工程专业的基础知识和专业知识，介绍了近年来该领域的新发展和新技术。书中正文和阅读材料来源广泛，涉及的专业英语词汇量多，专业特点突出，内容丰富。

全书共分九章，除第一章为热能与动力工程专业的基础知识外，其余八章分别介绍了锅炉、汽轮机、火力发电厂、热工自动化、发电厂集控运行、燃气轮机与联合循环、制冷与空调、环境工程等内容。各章后的阅读材料包括科技写作、英文专业期刊投稿、专利申请、技术转让、国际行业标准与规范介绍、签证申请、国外大学研究生入学申请、专业人员简历、单位及转换与专业常用缩写词等。

本书可作为高等学校本科热能与动力工程专业的专业英语教材，也可作为高职高专电力技术类、能源类及相关专业的专业英语教材，还可供工作在这一专业领域内的工程技术人员和管理人员阅读参考。

。

<<热能与动力工程专业英语>>

书籍目录

前言 Chapter 1 Introduction to Thermal Sciences 1.1 Fundamental of Engineering Thermodynamics 1.2 Fundamental of Fluid Mechanics 1.3 Fundamental of Heat Transfer Exercises Reading Materials 1 Instructions for Authors of Heat Transfer Engineering 2 Introductions of Department and Specialty 3 Types of Flowmeters Words and Expressions Abbreviations Chapter 2 Boiler 2.1 Introduction 2.2 Development of Utility Boiler 2.3 Fuel and Combustion 2.4 Pulverizing System 2.5 System Arrangement and Key Components 2.6 On-load Cleaning of Boilers 2.7 Energy Balance Exercises Reading Materials 1 Supercritical and Ultra-supercritical Power Generation Units 2 Universal Pressure Boiler for Pulverized Coal 3 Spiral Wound UP Boiler for Pulverized Coal Words and Expressions Abbreviations Chapter 3 Steam Turbine 3.1 Introduction 3.2 Casing Construction 3.3 Turbine Rotors and Couplings 3.4 Turbine Blading 3.5 Condensing Systems 3.6 Supercritical Steam Turbine Technologies Exercises Reading Materials 1 Letter of Authority of Know-How 2 Certificate for the Transfer of Know-How 3 Introduction to ISO 9000 Series of Standards Words and Expressions Abbreviations Chapter 4 Thermal Power Plant 4.1 Introduction 4.2 Modern Steam Power Plant 4.3 Main Systems and Key Components 4.4 Coal Gasification for Power Generation Exercises Reading Materials 1 The BOT Concept 2 Units and Conversions 3 What is Vision 21 ? 4 Boiler Maintenance Procedures Words and Expressions Abbreviations Chapter 5 Instrumentation and Process Control 5.1 Introduction 5.2 Documentation and Symbols 5.3 Essential Boiler Instrumentation and Controls 5.4 Steam Turbine Control and Protection System Exercises Reading Materials 1 Application for a Temporary Resident Visa 2 Resume Words and Expressions Abbreviations Chapter 6 Unit System Operation 6.1 Introduction 6.2 Basic Control Functions 6.3 Plant Operation from the Control Room 6.4 Burners Operation 6.5 Pressure Operation 6.6 Startup Systems Exercises Reading Materials 1 Graduate Admissions and Records 2 How to Apply for a European Patent Words and Expressions Abbreviations Chapter 7 Gas Turbine and Combined Cycle Power Plant 7.1 Gas Turbine 7.2 Combined Cycle Power Plant Exercises Reading Materials 1 Building Cooling, Heating and Power Generation Systems 2 How to Write an Abstract Words and Expressions Abbreviations Chapter 8 Air Conditioning and Refrigeration 8.1 Air Conditioning 8.2 Refrigeration 8.3 Cryogenics Exercises Reading Materials 1 Temperature Measurement 2 IIR Commissions (www. iifiir, org) Words and Expressions Abbreviations Chapter 9 Environmental Control at Thermal Power Plant 9.1 Introduction 9.2 Ash Collection 9.3 Reducing Sulfur Oxides Emission 9.4 Reducing Nitrogen Oxides Emission Exercises Reading Materials 1 CO₂ Emission Reduction 2 Mercury in Coal 3 Emission or Air Quality Standards in USA, Europe and Japan Words and Expressions Abbreviations References

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>