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Hotel Engineering (Oxford Higher Education)



Synopsis

Hotel Engineering is a comprehensive textbook, in the Indian context for Hotel Management students. The book covers fundamentals of engineering in the hotel context, description of working of engineering systems, provision of rules and regulations in a concise way but covering all the relevant topics of hotel engineering. Written in a student-friendly style, it focuses on concepts reinforced with suitable examples, exhibits, illustrations and case studies. The book begins with an introduction to the engineering systems in a hotel. It goes on to discuss the fundamental concepts of work, power, energy and basic electrical systems in a hotel, and wiring and safety precautions in dealing with electrical appliances with reference to hotel industry. It elaborates the science of illumination, lighting devices and lighting requirements for different functional areas in a hotel. The book discusses thermal science and different types of fuels used in catering industry and ovens and cook-tops. Topics such as fire and extinguishers, water hardness and treatment, cold and hot water distribution systems, refrigeration and heating, ventilation and air conditioning and elucidated. The book highlights maintenance procedure requirements. It explicates concerns with maintenance of buildings and swimming pool, utility systems and safety and security aspects of a hotel. The book has maintenance and troubleshooting guides of engineering systems in hotel industry that would be a handy reference for students. Users would find this book useful for its coverage of key concepts of engineering in the context of the hospitality industry. The book would also be useful to practicing hotel engineers for ready reference.

Book Information

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Customer Reviews

Sujit Ghosal, is Reader in the Department of Mechanical Engineering at Jadavpur University Kolkata and teaches Hotel Engineering at the Institute of Hotel Management, Kolkata. He has worked with several reputed organisations and is also a consultant to a number of government and private sector companies. Dr. Ghosal has also been a visiting research associate to MME Department, Washington State University, USA and Institute for Fluid Mechanics, University of Kassel, Germany. He has published a book on 'Theory of Turbomachine' and a large number of papers in national and international journals.

Overall the book is very informative and a good introduction to the principles of engineering with a concentration on hospitality maintenance. There are a few issues when it comes to listing the correct units in the examples and carrying over the correct values throughout the problem. This is not much of a problem if you are confident in mathematics; however, for someone trying to learn the required physics without prior experience then this book may be frustrating in the beginning.

I just bought this book seeing the term 'Engineering' but it is more about management . So for any one who is actively involved as a maintenance technician or engineer it is very hard to recommend as a good book to be read .

Thank you very much.

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