

Chapter 10 Outline

The Changing Nature of Engineering
The Engineering Division as a Savings
Center
The Need for Effective Management
The Work of the Engineering Division
Electrical Systems
Plumbing Systems
HVAC Systems
Refrigeration Systems
Life Safety Systems
General Maintenance and Repair
Preventive Maintenance
Renovation
Water Management
Energy Management
Energy Problems
Energy Management Programs
Recent Developments

Competencies

1. Describe the general role of the engineering and maintenance division in hospitality operations. (pp. 239–241)
2. Identify engineering's responsibilities in relation to electrical, plumbing, HVAC, refrigeration, and life safety systems. (pp. 241–245)
3. Explain the role of the engineering and maintenance division in relation to general and preventive maintenance programs and renovation projects. (pp. 245–248)
4. Explain the role of the engineering and maintenance division in relation to water management. (pp. 248–250)
5. Explain the role of the engineering and maintenance division in relation to energy management and other conservation practices. (pp. 250–255)