



Mechanical Engineering Reference Manual for the PE Exam, 13th Ed

By Michael R. Lindeburg PE

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- **HVAC:** Psychrometrics; Fans, Ductwork, and Ventilation; Heating and Cooling Loads; Air Conditioning Systems

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- **Thermodynamics:** Inorganic Chemistry; Fuels and Combustion; Properties of Substances
- **Control Systems:** Modeling and Analysis of Engineering Systems
- **Plant Engineering:** Manufacturing Processes; Instrumentation and Measurements; Materials Handling and Processing; Fire Protection Systems; Environmental Pollutants and Remediation; Hazardous Material Storage and Disposal
- **Fundamentals:** Math Review; Probability; Statics; Engineering Economic Analysis
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- 300 new equations, and 128 updated equations
- 27 new tables, and 31 updated tables
- 7 new examples, and 34 updated examples
- 10 new appendices, and 27 updated appendices
- 35 new figures, and 28 updated figures
- 1,094 new index entries, and 108 updated index entries

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