
Contents

<i>Preface</i>	<i>v</i>
1 Steam and Power Systems	1
2 Heat Recovery Boilers	49
3 Steam Generators	89
4 Emission Control in Boilers and HRSGs	161
5 Basic Steam Plant Calculations	191
6 Fuels, Combustion, and Efficiency of Boilers and Heaters	235
7 Fluid Flow, Valve Sizing, and Pressure Drop Calculations	291
8 Heat Transfer Equipment Design and Performance	359
9 Fans, Pumps, and Steam Turbines	539
	xi

<i>Appendix 1: A Quiz on Boilers and HRSGs</i>	573
<i>Appendix 2: Conversion Factors</i>	581
<i>Appendix 3: Tables</i>	587
<i>Glossary</i>	611
<i>Bibliography</i>	615
<i>Index</i>	617