



## Fundamentals of Boiler House Technique (Hardback)

By P. D. Dehnel

Chemical Publishing Co Inc., U.S., United States, 1959. Hardback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.CONTENTS - PREFACE - 1. MODERN BOILERS - Classification of Boilers, Fire-tube or Shell Type Boilers, Lancashire Boiler, Economic Boiler, Vertical Fire-tube Boiler, Packaged Boiler, Water-tube Boilers, Comparison of Fire-tube and Water-tube Boilers, Waste Heat Boilers, Hot Water Boilers, Rating of Sectional Boilers, Heat Transference Within a Boiler - 2. BOILER AUXILIARIES - Mountings and Fittings for a Steam Boiler, Boiler Feed Apparatus, Feed Water Regulators, Economisers and Air Heaters, Superheaters, Soot Blowers, Mountings and Fittings for Hot Water Boilers - 3. WATER TREATMENT - Impurities Present in Water, Object of Water Treatment, Temporary or Alkaline Hardness, Permanent or Non-Alkaline Hardness, Units of Hardness, Tests for Hardness, Effect of Scale, Removal of Scale, Corrosion, pH Significance, pH Determination, Caustic Embrittlement, Methods of Treating Water for Removal of Salts, Oil and Grease Removal from Water, Boiler Foaming and Priming, Blow-down, Blowdown Removal, Blow-down Quantity - 4. FORMATION AND PROPERTIES OF STEAM - Stages in the Formation of Steam, Sensible Heat, Latent Heat, Dryness Fraction, Superheat, Volume of Dry Steam, Volume of Wet Steam, Entropy, Steam Calorimeters...



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