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Handbook of Electrical Design Details Neil Sclater, John E. Traister, 2003-05-21 A COMPREHENSIVE SOURCE OF TECHNICAL DETAILS ON ELECTRICALPOWER FROM GENERATION TO PRACTICAL APPLICATIONS Reliable low cost. electric power is a fundamental requirement for modern society making possible such vital services as lighting HVAC transportation communication and data processing in addition to driving motors of all sizes A mainstay of industrial productivity and economic prosperity it is also essential for safeguarding human life and health This handbook is a valuable information resource on electric power for everyone from technical professionals to students and laypeople This compact user friendly edition updates and expands on the earlier edition Its core content of power generation distribution lighting wiring motors and project planning has been supplemented by new topics CAD for preparing electrical drawings and estimates Basic switch and receptacle circuit wiring Structured wiring for multimedia Swimming pool and low voltage lighting Electrical surge protection An easy to read style makes complex topics understandable It s a must have reference for those with a need or desire to get up to speed on the entire subject of electric power or just familiarize themselves with the latest advances regardless of their formal education or training Reader helpful features in this edition include Up front chapter summaries to save time in finding topics of interest References to related articles in the National Electrical Code A bibliography identifying additional sources for digging deeper Approximately 300 illustrations Manual Training Magazine Charles Alpheus Bennett, William Thomas Bawden, 1923 **Resources in Education** ,1979 **Electrical Construction** and Maintenance ,1989 Catalogue Ohio State University, 1900 E M F Electrical Year Book ,1923 Energy Industrial Arts and Vocational Education .1926 Research Abstracts .1985 Vocational Instructional Materials Available from Federal Agencies Northwest Regional Educational Laboratory, 1970 Vocational Education: State Instruction Materials for ... Oklahoma. State Department of Vocational and Technical Education. Curriculum and Instructional Materials Center, 1974 Solar Energy Update ,1986 Vocational Instructional Materials for Trade and Industrial Occupations Available from Federal Agencies Northwest Regional Educational Laboratory, 1971 Transactions of the American Institute of Electrical Engineers ,1907 Industrial-arts Magazine ,1926 Electrical

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