Free Smacna Manual

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the air conditioning manual assists entry level engineers in the design of air conditioning systems it is also usable in conjunction with fundamental hvac r resource material as a senior or graduate level text for a university course in hvac system design the manual was written to fill the void between theory and practice to bridge the gap between real world design practices and the theoretical calculations and analytical procedures or on the design of components this second edition represents an update and revision of the manual it now features the use of si units throughout updated references and the editing of many illustrations helps engineers quickly come up with a design solution to a required air conditioning system includes issues from comfort to cooling load calculations new sections on green hvac systems deal with hot topic of sustainable buildings

the title is misleading until you check out the contents it is all about hvac and more this compilation has organized data frequently used by mechanical engineers mechanical contractors and plant facility engineers the book will end the frustration on a busy day searching for design criteria

since the publication of the third edition in 1989 changes in quality control assurance have affected the construction industry this new fourth edition includes revised and new material relating to section a specifically total quality management iso 9000 and quality control the codes and standards section contract documents and legal documents sections have also been extensively updated construction inspection handbook systematically reinstates the importance of quality by providing you with a comprehensive quality assurance plan at the same time this ensures that your construction projects meet contract specifications comply with construction specification institute standards and conform with safety requirements

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