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Blueprints And Plans For HVAC (Instructional Guidelines)



Synopsis

Packed with vivid illustrations and a complete set of commercial prints, best-selling **BLUEPRINTS AND PLANS FOR HVAC**, 4th Edition combines in-depth instruction with relevant hands-on applications to equip you with the skills to succeed in the workplace. Now in an engaging four-color format, this popular text will help you master the basics of blueprint reading and apply these new skills in the HVAC trade. This Fourth Edition has been updated to include the latest codes and technological advancements, while still covering all the critical areas of study, including using the architect's and engineer's scale, creating and using working and construction drawings and freehand sketching and drafting with instruments. In addition, the new CourseMate solution includes extra activities and CAD files to increase the number of real-world exercises. Practical, current and exceedingly accurate, **BLUEPRINTS AND PLANS FOR HVAC**, 4th Edition will serve you in the classroom and beyond.

Book Information

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Customer Reviews

1. Review of Basic Mathematical Procedures. 2. Safety. 3. Linear Measurements. 4. Angular Measurements. 5. Learning to Use the Architect's Scale. 6. Learning to Use the Engineer's Scale. 7. Symbols and Abbreviations. 8. How Working Drawings are Created. 9. Categories of Working Drawings. 10. Sections, Elevations and Details. 11. Creating Construction Drawings. 12. Who Uses Construction Drawings. 13. Specifications. 14. Title Blocks. 15. Types and Weights of Lines. 16.

Orthographic Projection. 17. Oblique Drawings. 18. Isometric Drawings. 19. Lettering and Notations. 20. Organizing a Drawing Sheet. 21. Shading and Crosshatching. 22. Drawing Construction Elevations. 23. Drawing Construction Details. 24. Freehand Sketching. 25. Drafting with Instruments. 26. Reading Architectural Plans. 27. Ductwork Plans. 28. Reading Mechanical Plans. 29. Reading Electrical Plans. 30. Reading Plumbing Plans. 31. Current Technology. 32. Introduction to Load Calculations. 33. Appendices. 34. Glossary. 35. Index.

Joseph Moravek is the HVACR director at Nance Universal HVACR Technical School in Beaumont, Texas, where he is responsible for short- and long-term training course development and updating curriculum. He also occasionally teaches local and overseas HVACR classes for Nance. In addition, he serves as a consultant with Mechanical Training Service, Houston, Texas, doing EPA training, continuing education for contractors and other custom developed coursework. A licensed air conditioning and refrigeration contractor in the state of Texas, he holds several ICE and NATE certifications, is a member of the ASHRAE, CARE and AEE professional organizations and has a master's degree in education. Mr. Moravek started in the HVACR profession in 1976 doing heat load calculation for a federally-funded weatherization program. His experience also includes working as an HVACR technician and inspector for the city of Houston. He served as the HVACR lead instructor at Lee College for 14 years. Curtis McGuirt is Vice President of Nance International in Beaumont, Texas, where he supervises and coordinates the estimates, design, and drafting of the programs. EPA certified, he has traveled extensively worldwide to provide training to offshore drilling and marine customers. Throughout his career, he has focused on areas such as HVAC load calculations, equipment selection, equipment design, duct design, piping design, electrical design, specifications, and CAD drawings. Mr. McGuirt began in the HVACR profession since 1966 as a laboratory technician for General Electric Company, working 15 years in the design of air conditioning equipment for residential and commercial units. He helped in the development of the first factory heat pump training school for air conditioning technicians. He has served on the advisory boards of Shreveport-Bossier Vocational School, Air Conditioning Training, in Beaumont. A licensed mechanical contractor for air conditioning and refrigeration in Louisiana, he has a Bachelor of Science degree in Engineering. Ph.D., Lehigh University

This book is, honestly, horrendous. It provides a bare minimum of useful information, no examples of how to achieve goals, and no means for understanding beyond a simple sentence or two in many 'sections'. I returned it immediately after purchase.

I was looking to reteach myself how to read drawings and blue prints. When I found this I used it to update my skills.

To whomever made this choice "Text-to-Speech: Not enabled" Not having this option turned on for this eBook is plain bulls***.

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