

# Pipefitter Study Guide

The Fundamental Series consists of subject review books summarizing basic principles in various disciplines of learning. They are ideal study guide companions to our PASSBOOK Q&A test preparation books, providing subject area text review.

This little book is big on answers Whether you're an apprentice in the piping trades or a seasoned tradesperson you'll find this completely revised and updated guide has answers to the questions you'll encounter on the job. Get current, concise facts on \* Metrics and conversions \* Tungsten inert gas welding and arc welding \* Steam

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heating, hot water, refrigeration, and air conditioning systems \* Grooved end/plain end piping systems \* Process piping using plastics \* Automatic fire protection systems \* Terms, BTU fuel values, abbreviations, angle calculations, and more

This exceptionally produced trainee guide features a highly illustrated design, technical hints and tips from industry experts, review questions and a whole lot more! Key content includes: Orientation to the Trade, Pipefitting Hand Tools, Pipefitting Power Tools, Oxyfuel Cutting, Ladders and Scaffolds and Motorized Equipment. Instructor Supplements Downloadable instructor resources that include module tests, PowerPoints®, and

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performance profile sheets are available at  
[www.nccer.org/irc](http://www.nccer.org/irc).

Pipe Fitter's Math Guide

Pipefitting Level 2

Pipefitter's Licensing Study Guide

Third Period

Audel Pipefitter's and Welder's Pocket Manual

***The Steam Fitter Passbook (R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that***

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*will likely be covered on your upcoming exam, including but not limited to: basic principles of heating, air conditioning, refrigeration, compressed-air, sprinkler and cooling systems; work-related arithmetic; knowledge of pipes, fittings and fixtures; tools and equipment; workplace safety; understanding charts and diagrams; and more.*

*The Pipefitter Passbook prepares you for your test by allowing you to take*

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*practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam.*

*This book is designed for use as both a text and study guide for those students taking the licensing test in plumbing. Because of the large number of residential dwellings under construction and planned for the near future, this is a growing area. Well*

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*trained and knowledgeable plumbers are urgently needed in most of the individual United States and Canada. The field of plumbers, pipefitters, and steamfitters is predicted to grow about 12% each year until 2024, faster than most professions. The onslaught of new buildings is behind this surge. Here, in one book, the entire plumbing trade is covered in one accessible source. Consideration is given to cover all states' exam requirements. Tools and*

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*instruments are included to familiarize the licensing candidates with labor-saving devices and their correct utilization. While there are hundreds of practice exam questions, there is no guarantee that these questions and answers will appear on the actual test, or that the reader will pass the exam by simply reading this book. The main emphasis is on getting the tradesman accustomed to testing and knowledgeable about the plumbing trade in general.*

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*While there used to be several good resources for those studying to become licensed plumbers, these are quite old and rather outdated. This textbook/study guide will fill a void in this increasingly important trade. Features Includes valuable tips and illustrations of the various tools and equipment used in the trade. Practice questions with answers (at least 400 in the book, and several hundred more on an affiliated website) will be included*



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*at the end of each chapter, organized according to the various aspects of the trade. Some suggestions for taking tests and studying for exams are also discussed, along with tips for instructors who are preparing lesson plans and curricula for teaching plumbing certification. An affiliated website will have additional test questions, videos, and color photographs of the more eye-catching scenarios in the book.*

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*Industrial Pipefitter Study Guide  
Student Study Guide. Answers to  
Questions and Problems  
Misc[ellany].*

*Student Study Guide  
Related Science for Plumbers and  
Pipefitters*

The Steamfitters' Apprentice Aptitude Test Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam, including but not limited to: mechanical aptitude; tool recognition and use;

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reading comprehension; arithmetical reasoning; and more. For those who work with cylinders, a geometric understanding of the shapes involved and how they fit together are crucial for excellence in their trade. This book allows pipe fitters to connect their work to its logical base -- maths. The straightforward tone, multitude of illustrations, and example problems will help even those with underdeveloped maths skills learn the calculations. Forty-one sets of exercises with answers give the reader ample practice as well as applying the maths skills.

Now in its 8th edition, **MATHEMATICS FOR PLUMBERS AND PIPEFITTERS** delivers the essential math skills necessary in the plumbing and pipefitting professions. Starting with a thorough math review to ensure a solid foundation, the

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book progresses into specific on-the-job applications, such as pipe length calculations, sheet metal work, and the builder's level. Broad-based subjects like physics, volume, pressures, and capacities round out your knowledge, while a new chapter on the business of plumbing invites you to consider an exciting entrepreneurial venture. Written by a Master Plumber and experienced vocational educator, **MATHEMATICS FOR PLUMBERS AND PIPEFITTERS**, 8th Edition includes a multitude of real-world examples, reference tables, and formulas to help you build a rewarding career in the plumbing and pipefitting trade. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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Mechanical Aptitude Test

One of a Series of Guide for the Training of Plumbing and Pipefitting Apprentices

A Listing of Materials Available from State and Local Sources  
Trainee Guide

Pipefitting Level 3

Pass any pipefitter's licensing and certification exam on the first try This highly effective self-study guide provides everything you need to prepare for any major pipefitter's licensing and certification exam. Written by a pair of industrial technology experts and experienced trainers, Pipefitter's Licensing Study Guide features hands-on coverage of the latest equipment, techniques, and regulations. Each chapter contains multiple-choice questions to help you review the

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material covered and practice the types of questions that typically appear on pipefitting licensing tests. Tips on troubleshooting and working with pipes appear throughout. In-depth coverage includes: The history of pipefitting Working with pipe Pipe fabrication codes and standards Soldering, welding, brazing, and chemical bonding Offset connections and screwed and flanged fittings Pipe valves and fittings Cast iron, clay, fiber, and metal pipes Reading piping and welding blueprints Troubleshooting pipe fittings

Steamfitter/pipefitter Study Guide  
First Period  
Industrial Pipefitter Study Guide

Compact and pocket-sized, this handy reference contains thousands of facts and figures relevant to pipefitters, steamfitters-anyone concerned with layout and installation of

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pipe.

An Annotated Bibliography of Studies in Agricultural Education, with Classified Subject Index. Supplement 14 to ...  
Bulletin No.180

Pipe Fitter 3 & 2

Pipefitters Handbook

Plumbing Licensing Study Guide

Steamfitting-pipefitting Apprenticeship Study Guide

***The General Aptitude and Abilities Series provides functional, intensive test practice and drill in the basic skills and areas common to many civil service, general aptitude or achievement examinations necessary for entrance into schools or occupations. The Mechanical Aptitude Passbook(R) prepares you by sharpening the skills and abilities necessary to succeed in a wide***

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*range of mechanical-related occupations. It includes supplementary text on machines and provides hundreds of multiple-choice questions that include, but are not limited to: use and knowledge of tools and machinery; basic geometry and mathematics; mechanical comprehension; and more.*

*This exceptionally produced trainee guide features a highly illustrated design, technical hints and tips from industry experts, review questions and a whole lot more! Key content includes: Rigging Equipment, Rigging Practices, Standards and Specifications, Advanced Trade Math, Motorized Equipment Two, Introduction to Aboveground Pipe Installation, Field Routing and Vessel Trim, Pipe Hangers and Supports and Testing Piping Systems and Equipment. Instructor Supplements Downloadable instructor resources that include module tests, PowerPoints®, and*



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*performance profile sheets are available at [www.nccer.org/irc](http://www.nccer.org/irc). Here are portable, quick-look-up answers to the most common math problems faced by plumbers, pipelayers, pipefitters, and steamfitters. This time-saving reference allows users to get results instantly without putting pencil to paper or fiddling with a calculator. Job-simplifying Fast Code Facts and Sensible Shortcut boxes Packed with calculations, formulas, charts and tables NEW CHAPTER on estimating take-offs Great for designing or estimating a project*

***PIPEFITTER'S & WELDER'S POCKET MANUAL 2nd Ed.***

***Curriculum Materials for Trade and Industrial Education***

***Pipefitter***

***Steam Fitter***

***Summaries of Studies in Agricultural Education***

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***Market\_Desc: · Pipelayers, plumbers, pipefitters, and steamfitters · Apprentices, students in voc-tech programs (some will be in proprietary, career schools; some in community college voc-tech programs, and some in state sponsored voc-tech only post-secondary schools) Special Features: · The highly-respected Audel brand has provided practical references for skilledtradespersons and students for more than 100 years· Pipelayers, plumbers, pipefitters, and steamfitters hold almost 600,000 jobs. · Revision of the best selling Pipefitters and Welders Pocket Manual contains 30% newmaterial.· Pipelayers, plumbers, pipefitters, and steamfitters make up one of the largest andhighest paid construction occupations.· Virtually all pipelayers,***

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***plumbers, pipefitters, and steamfitters undergo some type of apprenticeship training, the Pocket Manual is a perfect study guide for this training. About The Book: Audel Pipefitters and Welders Pocket Manual - is small in size and has content that is specifically designed for on the job use with math charts and metrics, conversions, photographs and diagrams to get the job done quickly and correctly. It also serves as educational text. Topics covered include math and metrics, calculating offsets, pipe welding, automatic fire protection systems, steam heating, hot water and air conditioning systems, refrigeration process , piping, using plastics, using and instrument level, Tungsten inert gas welding, troubleshooting for arc welding, pipe Welders definitions***

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***and a glossary of terms related to plastic piping. Several appendices are included that cover metric conversions, abbreviations, BTU fuel values, drill sizes, measuring and laying out angles and more.***

***This exceptionally produced trainee guide features a highly illustrated design, technical hints and tips from industry experts, review questions and a whole lot more! Key content includes: Piping Systems, Drawings and Detail Sheets, Identifying and Installing Valves, Pipefitting Trade Math, Threaded Pipe Fabrication, Socket Weld Pipe Fabrication, Butt Weld Pipe Fabrication, Excavations and Underground Pipe Installation. Instructor Supplements Downloadable instructor resources that include module tests,***

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**PowerPoints®, and performance profile sheets are available at [www.nccer.org/irc](http://www.nccer.org/irc).**

**Buried within the walls and beneath any home, apartment building, office complex, school, or other structure is a complex world of pipes and other systems that make modern life possible. This book introduces, describes, and distinguishes the three related but distinct occupations of plumber, pipefitter, and steamfitter. It provides invaluable guidance on how to follow a path to these jobs. From taking the right classes in high school early on, through trade school, to entry-level apprenticeships, this useful and informative work is a must for anyone interested in three trades that are critical to our collective health, sanitation, and comfort.**

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***Passbooks Study Guide***

***Pipefitters Blue Book***

***IPT's Pipe Trades Handbook***

***A Listing of Materials Available from Public Education  
Agencies***

***Curriculum Materials for Trade and Industrial Education,  
1963***

The Pipefitter Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study.

Industrial Pipefitter Study Guide containing over 90 multiple choice questions and answers formatted similar to the real assessment test! This study guide should be used as an aid in preparing for your Industrial Pipefitter Assessment Test for

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your Certification as an Industrial Pipefitter, or can also be used to further your knowledge in the craft of Industrial Pipefitting!

2014 printing has revised text.

First Period

(Reprinted with Additional Minor Corrections, 1953).

Pipefitting

Vocational Division Bulletin

Steamfitters' Apprentice Aptitude Test

This exceptionally produced trainee guide features a highly illustrated design, technical hints and tips from industry experts, review questions and a whole lot more! Key content includes: Orientation to the Trade, Pipefitting Hand Tools,

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Pipefitting Power Tools, Oxyfuel Cutting, Ladders and Scaffolds, and Motorized Equipment. Instructor Supplements  
Instructors: Product supplements may be ordered directly through OASIS at <http://oasis.pearson.com>  
For more information contact your Pearson NCCER/Contren Sales Specialist at <http://nccer.pearsonconstructionbooks.com/store/sales.as>  
Annotated Instructor's Guide Paperback 0-13-227312-8  
Computerized Testing Software 0-13-229130-4  
Transparent Masters 0-13-229151-7  
PowerPoint Presentation Slides 0-13-602528-5  
Pipefitting Level 1  
Second Period



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Steamfitting Pipefitting Manual Study Guide. --.  
Test Preparation Study Guide Questions & Answers  
Steamfitter/pipefitter Study Guide