

Industrial Pipefitter

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 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

2012 Reprint of 1959 Edition. Exact facsimile of the original edition, not reproduced with Optical Recognition Software. This manual is written especially to enable pipefitters to quickly solve problems involving pipe bending, layout or installation, either in shop or in the field. This second edition has 126 pages of additional material than published in the previous edition of 1953. A large part of the book is taken directly from the author's original tables which he has developed over a long period of time, as a result of his 35 years' experience as a pipefitter. These tables eliminate the necessity for making lengthy calculations by giving immediate answers to all kinds of pipe fitting problems. Information on: Pipe Bending, Offsets, Mitered Joints, Standard Pipe Dimensions and Thread Data, Screwed Fittings, Valves, Solder Joint Fittings, Plastic Pipe, Sheet Metal Data, Properties of Steam, Melting Points, Conversion Factors and a Dictionary Of Terms.

This book was designed to ease the mind for pipefitters and welders and to simplify the layout of offsets and angles for the beginner as well as the novice. This book will help you understand how easy it is to layout offsets and angles. Also included in this book are charts showing you the take-off dimensions of pipefittings, flanges, etc. up to 42" and 48" diameter pipe along with gasket information.

2014 printing has revised text.

Includes Part 1, Number 1: Books and Pamphlets, Including Serials and Contributions to Periodicals (January - June)

A pipefitter is a tradesperson who installs, assembles, fabricates, maintains, and repairs mechanical piping systems. Piping can consist of copper, PVC, CPVC, polyethylene, and galvanized pipe, which is typically glued, soldered, or threaded. Plumbers, pipefitters, and steamfitters learn on the job through an apprenticeship, but also go through licensing and accreditation. According to the Occupations Handbook, there are at least 950,000 pipefitting jobs in 2018. The pipefitting industry is expected to grow 21% from 2012 to 2022, faster than the average for all occupations. Construction of buildings and the need for new septic and mechanical systems should drive demand for qualified workers. Well-trained and knowledgeable pipe fitters are urgently needed in the U.S., Canada, and also New Zealand and Australia, in particular. The Pipefitters Handbook has been THE indispensable reference for pipefitters of all levels for about 50 years. It continues to sell well, despite its age and outdated appearance. Here, in one book, the authors are modernizing this work for the entire pipefitting trade. There will be much more information on plastic pipes and tubing, which was NOT included before. The content will include modern materials, standards, and requirements. All state exams are taken into consideration. The authors will also include true/false and multiple-choice questions - the type students studying for the certification will see on their official exams. Tools and instruments are included to familiarize the individual with the labor-saving devices and their correct utilization. This is the perfect resource for all those entering the trade.

Describes 250 occupations which cover approximately 107 million jobs.

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 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.

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

An essential, pocket-sized manual for industrial craftspeople from a brand relied on for more than a century The Audel™ Industrial Trades Multi-Craft Reference Manual is aimed at the industrial mechanic, millwright, machinist, plumber, pipefitter, welder, carpenter, sheet metal mechanic, and other skilled craftspeople who need quick, no-nonsense access to dependable information—fast. Including up-to-date focus on "green" thinking and industrial sustainability, this handy, compact guide serves as an ideal on-the-job reference on topics such as pump facts, bearing information, motor facts, wood and carpentry, pipefitting, welding, blacksmithing, and much more. New Audel book from bestselling author Tom Davis Topics searchable by machine, device, or material Heavily illustrated and designed with lay-flat binding for ease of use on the job Includes worked-out examples when math is presented to accelerate learning Building on a rich legacy of titles from the celebrated Audel brand, this new addition to their esteemed lineup continues the tradition of delivering trusted content skilled workers reach for the most.

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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, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

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 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

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

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