

**2024 International Plumbing Code®
Study Companion:
Based on the 2024 International
Plumbing Code®**

International Code Council Staff:

Chief Operating Officer
Mark A. Johnson

Chief Knowledge Officer/Executive Vice
President:
Joan O'Neil

Senior Vice President, Business and
Product Development:
Hamid Naderi

Vice President, Product Development:
Sandra Hyde, PE

Product Development Coordinator and
Analyst:
Isabella Monteiro

Publisher:
Katie Mohr

Project Manager:
Sandra Hyde, PE

Publications Manager:
Anne F. Kerr

Manager of Publications Production:
Jen Fitzsimmons

Project Editor:
Valerie A. Necka

Production Technician:
Emily Sargent

Marketing Manager:
Joram Suede

COPYRIGHT © 2025
by INTERNATIONAL CODE COUNCIL, INC.

ALL RIGHTS RESERVED.



ISBN: 978-1-964970-26-4 (soft-cover edition)
ISBN: 978-1-964970-27-1 (PDF download)

This publication is a copyrighted work owned by the International Code Council, Inc. ("ICC"). Without separate written permission from the ICC, no part of this publication may be reproduced, distributed or transmitted in any form or by any means, including, without limitation, electronic, optical or mechanical means (by way of example, and not limitation, photocopying or recording by or in an information storage and/or retrieval system). For information on use rights and permissions, please contact: ICC Publications, 4051 Flossmoor Road, Country Club Hills, Illinois 60478; 1-888-ICC-SAFE (422-7233); <https://www.iccsafe.org/about/periodicals-and-newsroom/icc-logo-license/>.

The information contained in this document is believed to be accurate; however, it is being provided "as-is" without representation or warranty for informational purposes only and is intended for use only as a guide. Publication of this document by the ICC should not be construed as the ICC engaging in or rendering engineering, legal or other professional services. Use of the information contained in this publication should not be considered by the user as a substitute for the advice of a registered professional engineer, attorney or other professional. If such advice is required, it should be sought through the services of a registered professional engineer, licensed attorney or other professional.

Trademarks: "International Code Council," the "International Code Council" logo, "ICC," the "ICC" logo, "International Plumbing Code," "IPC" and other names and trademarks appearing in this publication are registered trademarks of the International Code Council, Inc., and/or its licensors (as applicable), and may not be used without permission.

Errata on various ICC publications may be available on the Content Updates sites at www.iccsafe.org/contentupdates.

First Printing: December 2025

PRINTED IN THE USA

CONTENTS

Study Session 1:

2024 IPC Chapter 1—Scope and Administration	1
Quiz	22

Study Session 2:

2024 IPC Sections 301 through 307—General Regulations I	29
Quiz.....	44

Study Session 3:

2024 IPC Sections 308 through 316—General Regulations II	51
Quiz.....	65

Study Session 4:

2024 IPC Sections 401 through 411—Fixtures, Faucets and Fixture Fittings I	71
Quiz.....	93

Study Session 5:

2024 IPC Sections 412 through 426—Fixtures, Faucets and Fixture Fittings II	99
Quiz.....	118

Study Session 6:

2024 IPC Chapter 5—Water Heaters	125
Quiz.....	143

Study Session 7:

2024 IPC Sections 601 through 605—Water Supply and Distribution I	149
Quiz.....	167

Study Session 8:

2024 IPC Sections 606 through 613—Water Supply and Distribution II	173
Quiz	192

Study Session 9:	
2024 IPC Sections 701 through 707—Sanitary Drainage I	199
Quiz	213
Study Session 10:	
2024 IPC Sections 708 through 718—Sanitary Drainage II	219
Quiz	238
Study Session 11:	
2024 IPC Chapter 8—Indirect/Special Waste	245
Quiz	262
Study Session 12:	
2024 IPC Sections 901 through 909—Vents I.....	269
Quiz	286
Study Session 13:	
2024 IPC Sections 910 through 920—Vents II.....	293
Quiz	310
Study Session 14:	
2024 IPC Chapter 10—Traps, Interceptor and Separators	317
Quiz	338
Study Session 15:	
2024 IPC Chapters 11 through 14— Storm Drainage, Special Piping and Storage Systems, Nonpotable Water Systems and Subsurface Landscape Irrigation Systems	345
Quiz	366
Answer Keys	373

INTRODUCTION

This study companion provides practical learning assignments for independent study of the provisions of the 2024 *International Plumbing Code*® (IPC®). The independent study format affords a method for the student to complete the program in an unregulated time period. Progressing through the workbook, the learner can measure their level of knowledge by using the exercises and quizzes provided for each study session.

The workbook is also valuable for instructor-led programs. In jurisdictional training sessions, community college classes, vocational training programs and other structured educational offerings, the study guide and the IPC can be the basis for classroom instruction.

All study sessions begin with a general learning objective specific to the session, the specific code sections or chapter under consideration and a list of questions summarizing the key points of study. Each session addresses selected topics from the IPC and includes code text, a commentary on the code provisions, illustrations representing the provisions under discussion and multiple choice questions that can be used to evaluate the student's knowledge. Before beginning the quizzes, the student should thoroughly read and review the IPC, focusing on the key points identified at the beginning of each study session.

The workbook is structured so that after every question the student has an opportunity to record their response and the corresponding code reference. The correct answers are found in the back of the workbook in the answer key.

Although this study companion is primarily focused on those subjects of specific interest to plumbing inspectors and contractors, it is a valuable resource to any individuals who would like to learn more about the IPC provisions. The information presented may be of importance to many building officials, plans examiners and combination inspectors.

The 2024 *International Plumbing Code Study Companion* has been revised and updated from previous editions. George Reid was responsible for developing the updated content.

The information presented in this publication is believed to be accurate; however, it is provided for informational purposes only and is intended for use only as a guide. As there is a limited discussion of selected code provisions, the code itself should always be referenced for more complete information. In addition, the commentary set forth may not necessarily represent the views of any enforcing agency, as such agencies have the sole authority to render interpretations of the IPC.

Questions or comments concerning this workbook are encouraged. Please direct your comments to ICC at studycompanion@iccsafe.org.

About the International Code Council

The International Code Council is the leading global source of model codes and standards and building safety solutions that include product evaluation, accreditation, technology, codification, consulting, training and certification. The International Code Council's codes, standards and solutions are used to ensure safe, affordable and sustainable communities and buildings worldwide.

The International Code Council family of solutions includes the ICC Evaluation Service (ICC ES), S. K. Ghosh Associates, the International Accreditation Service (IAS), General Code, ICC NTA, ICC Community Development Solutions, Alliance for National & Community Resilience (ANCR) and American Legal Publishing.

Headquarters

200 Massachusetts Avenue, NW, Suite 250
Washington, DC 20001
888-ICC-SAFE (888-422-7233)
www.iccsafe.org

Eastern Regional Office

900 Montclair Road
Birmingham, AL 35213

Central Regional Office

4051 Flossmoor Road
Country Club Hills, IL 60478

Western Regional Office

3060 Saturn Street, Suite 100
Brea, CA 92821

MENA Regional Office

Dubai Association Centre Offices, One Central
Building 2, Office 8, Dubai World Trade Centre Complex
PO Box 9292, Dubai, UAE

OCEANIA Regional Office

Level 9, Nishi Building
2 Philips Law Street
Canberra ACT 2601 Australia

Family of Solutions:

