

2015 International Plumbing Code[®] **Study Companion**

From the publisher of the IPC[®]



2015 International Plumbing Code

Study Companion

ISBN: 978-1-60983-543-9

Cover Design:	Ricky Razo
Publications Manager:	Mary Lou Luif
Project Editor:	Greg Dickson
Illustrator/Interior Design:	Sue Brockman
Manager of Development:	Doug Thornburg

COPYRIGHT 2015



ALL RIGHTS RESERVED. This publication is a copyrighted work owned by the International Code Council. Without advance written permission from the copyright owner, no part of this book 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 retrieval system). For information on permission to copy material exceeding fair use, please contact: ICC Publications, 4051 W. Flossmoor Rd, Country Club Hills, IL 60478, Phone 888-ICC-SAFE (422-7233).

The information contained in this document is believed to be accurate; however, it is being provided 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 workbook 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" and the ICC logo are trademarks of International Code Council, Inc.

Errata on various ICC publications may be available at www.iccsafe.org/errata.

First Printing: September 2015

Printed in the United States of America

TABLE OF CONTENTS

Study Session 1:

2015 IPC Chapter 1—Scope and Administration	1
Quiz	21

Study Session 2:

2015 IPC Sections 301 through 307— General Regulations I	27
Quiz	41

Study Session 3:

2015 IPC Sections 308 through 316—General Regulations II	47
Quiz	61

Study Session 4:

2015 IPC Sections 401 through 411—Fixtures, Faucets and Fixture Fittings I	67
Quiz	89

Study Session 5:

2015 IPC Sections 412 through 427—Fixtures, Faucets and Fixture Fittings II	95
Quiz	116

Study Session 6:

2015 IPC Chapter 5—Water Heaters	123
Quiz	141

Study Session 7:

2015 IPC Sections 601 through 605—Water Supply and Distribution I	147
Quiz	165

Study Session 8:

2015 IPC Sections 606 through 613—Water Supply and Distribution II	171
Quiz	189

Study Session 9:

2015 IPC Sections 701 through 707—Sanitary Drainage I	195
Quiz	209

Study Session 10:

2015 IPC Sections 708 through 717—Sanitary Drainage II	215
Quiz	234

Study Session 11:	
2015 IPC Chapter 8—Indirect/Special Waste	241
Quiz	258
Study Session 12:	
2015 IPC Sections 901 through 909—Vents I	265
Quiz	282
Study Session 13:	
2015 IPC Sections 910 through 920—Vents II	289
Quiz	305
Study Session 14:	
2015 IPC Chapter 10—Traps, Interceptors and Separators	311
Quiz	330
Study Session 15:	
2015 IPC Chapters 11 through 14—Storm Drainage, Special Piping and Storage Systems, Nonpotable Water Systems and Subsurface Landscape Irrigation Systems.	337
Quiz	358
Answer Keys	365

INTRODUCTION

This study companion provides practical learning assignments for independent study of the provisions of the 2015 *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 his or her 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 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 his or her 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 2015 *International Plumbing Code Study Companion* has been completely revised and updated from previous editions. Steve Van Note of ICC was responsible for developing the updated content with assistance from ICC staff member Fred Gable, P.E.

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 study companion are encouraged. Please direct your comments to ICC at studycompanion@icc-safe.org.

About the International Code Council

The International Code Council is a member-focused association. It is dedicated to developing model codes and standards used in the design, build and compliance process to construct safe, sustainable, affordable and resilient structures. Most U.S. communities and many global markets choose the International Codes. ICC Evaluation Service (ICC-ES) is the industry leader in performing technical evaluations for code compliance fostering safe and sustainable design and construction.

Headquarters: 500 New Jersey Avenue, NW, 6th Floor, Washington, DC 20001-2070

Regional offices: Birmingham, AL; Chicago, IL; Los Angeles, CA

1-888-422-7233

www.iccsafe.org