International Fire Code® Study Companion



2009 International Fire Code Study Companion

ISBN: 978-1-58001-866-1

Cover Design:

Publications Manager:

Project Editor:

Illustrator/Interior Design:

Manager of Development:

Duane Acoba

Mary Lou Luif

Roger Mensink

Mike Tamai

Doug Thornburg

COPYRIGHT 2009



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: August 2009 Second Printing: April 2011

Printed in the United States of America

TABLE OF CONTENTS

2009 IFC Chapters 1, 2, 47 and Appendix A—Administration 1 Quiz 23 Study Session 2: 2009 IFC Section 202, pages 22 – 27—Occupancy Classification, and IBC Chapters 3 and 5 31 Quiz 50
Study Session 2: 2009 IFC Section 202, pages 22 – 27—Occupancy Classification, and IBC Chapters 3 and 5
2009 IFC Section 202, pages 22 – 27—Occupancy Classification, and IBC Chapters 3 and 5
Chapters 3 and 5
Study Session 3:
2009 IFC Chapters 3, 4 and 5—General Requirements, Emergency Planning and Preparedness, and Fire Service Features
Study Session 4:
2009 IFC Chapters 6 – 8—Building Services and Systems, Fire-resistance-rated Construction and Interior Finish, Decorative Materials and Furnishings
Study Session 5:
2009 IFC Chapter 9—Fire Protection Systems, Part I
Study Session 6:
2009 IFC Chapter 9—Fire Protection Systems, Part II153Quiz176
Study Session 7:
2009 IFC Chapter 10—Means of Egress 183 Quiz 206
Study Session 8:
2009 IFC Chapters 11 – 14—Occupancies and Processes I: Aviation Facilities, Dry Cleaning, Combustible Dust-Producing Operations; and Fire Safety during Construction and Demolition

Stı	udy Session 9:	
	2009 IFC Chapters 15 – 18—Occupancies and Processes II: Flammable Finishes, Fruit and Crop Ripening, Fumigation and Thermal Insecticidal Fogging, and Semiconductor Fabrication	
	Facilities 24 Quiz 26	
	Quiz	_
Stı	udy Session 10:	
	2009 IFC Chapters 19 – 22—Lumber Yards and Woodworking Facilities, Manufacture of Organic Coatings, Industrial Ovens, and Motor Fuel-Dispensing Facilities and Repair Garages	
	Quiz	4
Stı	udy Session 11:	
	2009 IFC Sections Chapters 23 – 26—Occupancies and Processes IV: High-Piled Combustible Storage, Tents, Canopies and Other Membrane Structures, Tire Rebuilding and Storage, Welding and Hot Work, and Marinas	
	Quiz	4
Stı	udy Session 12:	
	2009 IFC Chapter 27—Hazardous Materials	1
	Quiz 35	
Stı	udy Session 13:	
	2009 IFC Chapters 28 – 32—Aerosols, Combustible Fibers, Compressed Gases, Corrosive Materials and Cryogenic Fluids	1
	Quiz	
Sti	udy Session 14:	
	2009 IFC Chapter 33—Explosives and Fireworks	1
	Quiz	
Ct.	udy Session 15:	
Sii	2009 IFC Chapter 34—Flammable and Combustible Liquids, Part I	٥
	Quiz	
•		Ĭ
Stu	udy Session 16:	_
	2009 IFC Chapter 34—Flammable and Combustible Liquids, Part II	
	Quiz40	0
Stı	udy Session 17:	
	2009 IFC Chapters 35 – 38—Flammable Gases, Flammable Solids, Highly Toxic and Toxic Materials, and Liquefied Petroleum Gases	
		J
Stı	udy Session 18:	
	2009 IFC Chapters 39 – 44—Organic Peroxides, Oxidizers, Pyrophoric Materials, Pyroxylin Plastics, Unstable (Reactive) Materials and Water-Reactive Solids and Liquids	
	Quiz	J
An	swer Keys	3