



SIGNIFICANT CHANGES TO THE

INTERNATIONAL RESIDENTIAL CODE[®]

2018 EDITION



Australia • Brazil • Mexico • Singapore • United Kingdom • United States

Significant Changes to the International Residential Code® 2018 Edition

International Code Council

Stephen A. Van Note and Sandra Hyde, P.E.

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ICC World Headquarters

500 New Jersey Avenue, NW

6th Floor

Washington, D.C. 20001-2070

Telephone: 1-888-ICC-SAFE (422-7233)

Website: www.iccsafe.org

Cengage

20 Channel Center Street

Boston, MA 02210

USA

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Preface

The purpose of *Significant Changes to the International Residential Code®*, 2018 Edition, is to familiarize building officials, fire officials, plans examiners, inspectors, design professionals, contractors, and others in the building construction industry with many of the important changes in the 2018 *International Residential Code®* (IRC®). This publication is designed to assist code users in identifying the specific code changes that have occurred and understanding the reasons behind the changes. It is also a valuable resource for jurisdictions in their code-adoption process.

Only a portion of the code changes to the IRC are discussed in this book. The changes selected were identified for a number of reasons, including their frequency of application, special significance, or change in application. However, the importance of the changes not included is not to be diminished. Further information on all code changes can be found in the Complete Revision History to the 2018 I-Codes, available in 2018 from the International Code Council® (ICC®) online store <http://shop.iccsafe.org>. This code change resource provides the published documentation for each successful code change contained in the 2018 IRC.

Significant Changes to the International Residential Code, 2018 Edition, is organized into nine parts, each representing a distinct grouping of code topics. It is arranged to follow the general layout of the IRC, including code sections and section number format. The table of contents, in addition to providing guidance in the use of this publication, allows for a quick identification of those significant code changes that occur in the 2018 IRC.

Throughout the book, each change is accompanied by a photograph or an illustration to assist and enhance the reader's understanding of the specific change. A summary and a discussion of the significance of the change are also provided. Each code change is identified by type, be it an addition, modification, clarification, or deletion.

The code change itself is presented in a legislative format similar to the style utilized for code-change proposals. Deleted code language is shown with a strikethrough, and new code text is indicated by underlining.

As a result, the actual 2018 code language is provided, as well as a comparison with the 2015 language, so the user can easily determine changes to the specific code text.

As with any code-change text, *Significant Changes to the International Residential Code, 2018 Edition*, is best used as a companion to the 2018 IRC. Because only a limited discussion of each change is provided, the code itself should always be referenced in order to gain a more comprehensive understanding of the code change and its application.

The commentary and opinions set forth in this text are those of the authors and do not necessarily represent the official position of ICC. In addition, they may not represent the views of any enforcing agency, as such agencies have the sole authority to render interpretations of the IRC. In many cases, the explanatory material is derived from the reasoning expressed by code-change proponents.

Comments concerning this publication are encouraged and may be directed to ICC at significantchanges@iccsafe.org.

About the *International Residential Code*[®]

Building officials, design professionals, contractors and others involved in the field of residential building construction recognize the need for a modern, up-to-date residential code addressing the design and installation of building systems through both prescriptive and performance requirements. The *International Residential Code*[®] (IRC), *2018 Edition*, is intended to meet these needs through model code regulations that safeguard the public health and safety in all communities, large and small. The IRC is kept up to date through ICC's open code-development process. The provisions of the 2015 edition, along with those code changes approved through 2016, make up the 2018 edition.

The IRC is one in a family of International Codes[®] published by ICC. This comprehensive residential code establishes minimum regulations for residential building systems by means of prescriptive and performance-related provisions. It is founded on broad-based principles that make possible the use of new materials and new building designs. The IRC is a comprehensive code containing provisions for building, energy conservation, mechanical, fuel gas, plumbing and electrical systems. The IRC is available for adoption and use by jurisdictions internationally. Its use within a governmental jurisdiction is intended to be accomplished through adoption by reference, in accordance with proceedings established by the jurisdiction's laws.

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About the Authors

Stephen A. Van Note, CBO
International Code Council
Managing Director, Product Development

Stephen A. Van Note is the Managing Director of Product Development for the International Code Council (ICC), where he is responsible for developing technical resource materials in support of the International Codes. His role also includes the management, review, and technical editing of publications developed by ICC staff members and other expert authors. He has authored a number of ICC support publications, including *Residential Code Essentials and Inspector Skills*. In addition, Steve develops and presents *International Residential Code* seminars nationally. He has over 40 years of experience in the construction and building code arena. Prior to joining ICC in 2006, Steve was a building official for Linn County, Iowa. Prior to his 15 years at Linn County, he was a carpenter and construction project manager for residential, commercial, and industrial buildings. A certified building official and plans examiner, Steve also holds certifications in several inspection categories.

Sandra Hyde, P.E.
International Code Council
Senior Staff Engineer, Product Development

Sandra Hyde is a Senior Staff Engineer with the International Code Council (ICC), where, as part of the Product Development team, she develops technical resource materials in support of the structural provisions of the International Residential, Building, and Existing Building Codes. Her role also includes review and technical editing of publications authored by ICC and engineering associations, and the presentation of technical seminars on the IRC and IBC structural provisions. She has authored and reviewed support publications, including *Significant Changes to the International Building Code*, *Special Inspection Manual*, and, in conjunction with APA, *Guide to the IRC Wall Bracing Provisions*. Prior to joining ICC in 2010, Sandra worked in manufacturing and research of engineered wood products. She is a Registered Civil Engineer in Idaho and California.

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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,

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ICC Headquarters:

500 New Jersey Avenue, NW, 6th Floor
Washington, DC 20001

Regional Offices:

Birmingham, AL; Chicago, IL; Los Angeles, CA

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