

ENERGY

INSPECTOR'S GUIDE

BASED ON THE 2012 INTERNATIONAL
ENERGY CONSERVATION CODE® AND
ANSI/ASHRAE/IES STANDARD 90.1-2010



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Based on the 2012 *International Energy Conservation Code*
and
ANSI/ASHRAE/IES Standard 90.1-2010

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PREFACE

The duties and responsibilities of the field inspector are extensive and varied; however, the primary function continues to be the verification that construction work complies with the codes as reviewed by the plans examiner and policies adopted by the jurisdiction. Because many other responsibilities are placed upon the inspector, it is necessary that he or she develop an efficient and effective approach to the inspection process. This inspector's guide is designed to assist the field inspector in verifying code compliance and in executing energy field inspection duties efficiently and with relative ease through the identification of many common code requirements. The guide addresses separately the commercial and residential provisions and provides the user with code provisions and the appropriate references in the *International Energy Conservation Code*[®] (IECC[®]) and ASHRAE Standard 90.1-2010 as referenced in Section C401.2 of the IECC. The use of this format can be a valuable tool for a building safety department for:

1. Providing consistency within the department by ensuring that all inspectors are using the same criteria;
2. Serving as a training method for new personnel or assisting in updating existing personnel on new code provisions;
3. Providing builders and designers with an easy-to-use document to assist them in complying with the code; and
4. Assisting the inspectors in remaining vigilant during their inspections.

This *Energy Inspector's Guide*, based on the 2012 *International Energy Conservation Code*, includes prescriptive requirements from both the Residential and Commercial Energy Efficiency provisions. The administration and general requirements for the residential and commercial provisions are similar and are combined in the opening sections of this guide for the reader's convenience. Performance approaches are also available but not provided in this guide.

This guide is also based on ASHRAE Standard 90.1-2010 for commercial buildings as referenced in Section C401.2 of the IECC and covered in Appendix A of this inspector's guide.

ACKNOWLEDGMENTS

This 2012 edition of the *Energy Inspector's Guide* has been updated by ICC staff and developed using the approach and format of the ICC Inspector's Guide series.

The original edition of this publication was authored by Cosimina Panetti, Outreach Manager for the Building Codes Assistance Project in Washington, D.C., and later updated to the 2009 code by Don Sivigny, Energy Code Specialist for the State of Minnesota.

ICC is thankful for the contributions and peer reviews of many individuals for various editions of this publication, including ICC staff members Jay Woodward and Steve Van Note.

About the International Code Council®

The International Code Council (ICC®), a membership association dedicated to building safety, fire prevention and energy efficiency, develops the codes and standards used to construct residential and commercial buildings, including homes and schools. The mission of ICC is to provide the highest quality codes, standards, products and services for all concerned with the safety and performance of the built environment. Most United States cities, counties and states choose the *International Codes®* (I-Codes®), building safety codes developed by the International Code Council.

The *International Codes* also serve as the basis for construction of federal properties around the world and as a reference for many nations outside the United States. The International Code Council is also dedicated to innovation and sustainability. ICC Evaluation Service, a subsidiary of ICC, issues Evaluation Reports and Listings for innovative building products as well as environmental documents, such as ICC-ES VAR Environmental Reports and ICC-ES Environmental Product Declarations (EPDs).

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