

ENERGY

INSPECTOR'S GUIDE

Based on the **2015 International Energy Conservation Code®** and
ANSI/ASHRAE/IES Standard 90.1-2013



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and
ANSI/ASHRAE/IES Standard 90.1-2013

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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 90.1-2013 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 2015 *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 90.1-2013 for commercial buildings as referenced in Section C401.2 of the IECC and covered in Appendix A of this inspector's guide.

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This 2015 edition of the *Energy Inspector's Guide* has been updated by Pam Cole, Research Scientist with Pacific Northwest National Laboratory, 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. Subsequent updates aligned this publication to the 2009 code by Don Sivigny, Energy Code Specialist for the State of Minnesota, and the 2012 code by ICC staff.

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