PREFACE

Introduction

Internationally, code officials recognize the need for a modern, up-to-date energy conservation code addressing the design of energy-efficient building envelopes and installation of energy efficient mechanical, lighting and power systems through requirements emphasizing performance. The 2006 North Carolina Plumbing Code, in this 2006 edition, is designed to meet these needs through model code regulations that will result in the optimal utilization of fossil fuel and nondepletions in all communities, large and small.


The 2006 North Carolina Plumbing Code provisions provide many benefits, among which is the model code development process that offers an international forum for energy professionals to discuss performance and prescriptive code requirements. This forum provides an excellent arena to debate proposed revisions. This model code also encourages international consistency in the application of provisions.

Development


With the development and publication of the family of International Codes in 2000, the continued development and maintenance of the model codes individually promulgated by BOCA (“BOCA National Codes”), ICBO (“Uniform Codes”) and SBCCI (“Standard Codes”) was discontinued. This 2006 North Carolina Plumbing Code, as well as its predecessor — the 2000 edition — is intended to be the successor energy conservation code to those codes previously developed by BOCA, ICBO and SBCCI.

The development of a single set of comprehensive and coordinated International Codes was a significant milestone in the development of regulations for the built environment. The timing of this publication mirrors a milestone in the change in structure of the model codes, namely, the pending Consolidation of BOCA, ICBO and SBCCI into the ICC. The activities and services previously provided by the individual model code organizations will be the responsibility of the Consolidated ICC.

This code is founded on principles intended to establish provisions consistent with the scope of an energy conservation code that adequately conserves energy; provisions that do not unnecessarily increase construction costs; provisions that do not restrict the use of new materials, products or methods of construction; and provisions that do not give preferential treatment to particular types or classes of materials, products or methods of construction.

Adoption

The 2006 North Carolina Plumbing Code 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 establishing the jurisdiction’s laws. At the time of adoption, jurisdictions should insert the appropriate information in provisions requiring specific local information, such as the name of the adopting jurisdiction. These locations are shown in bracketed words in small capital letters in the code and in the sample ordinance. The sample adoption ordinance on page v addresses several key elements of a code adoption ordinance, including the information required for insertion into the code text.

Maintenance

The 2006 North Carolina Plumbing Code is kept up to date through the review of proposed changes submitted by code enforcing officials, industry representatives, design professionals and other interested parties. Proposed changes are carefully considered through an open code development process in which all interested and affected parties may participate.
The contents of this work are subject to change both through the Code Development Cycles and the governmental body that
enacts the code into law. For more information regarding the code development process, contact the Code and Standard Develop-
ment Department of the International Code Council.

While the development procedure of the 2006 North Carolina Plumbing Code assures the highest degree of care, ICC and the
founding members of ICC—BOCA, ICBO, SBCCI—their members, and those participating in the development of this code do not
accept any liability resulting from compliance or noncompliance with the provisions because ICC and its founding members do not
have the power or authority to police or enforce compliance with the contents of this code. Only the governmental body that enacts
the code into law has such authority.

Letter Designations in Front of Section Numbers

In each code development cycle, proposed changes to this code are considered at the Code Development Hearing by the Interna-
tional Energy Conservation Code Development Committee, whose action constitutes a recommendation to the voting membership
for final action on the proposed change. Proposed changes to a code section whose number begins with a letter in brackets are con-
sidered by a different code development committee. For instance, proposed changes to code sections which have the letter [EB] in
front (e.g., [EB] 101.2.2.1), are considered by the International Existing Building Code Development Committee at the Code
Development Hearing. Where this designation is applicable to the entire content of a main section of the code, the designation
appears at the main section number and title and is not repeated at every subsection in that section.

The content of sections in this code which begin with a letter designation is maintained by another code development committee
in accordance with the following: [B] = International Building Code Development Committee; [EB] = International Existing Build-
ing Code Development Committee and [M] = International Mechanical Code Development Committee.

Marginal and Text Markings

Solid vertical lines in the margins within the body of the code indicate a technical change from the requirements of the 2000 edi-
tion of the International Plumbing Code. Deletion indicators (●) are provided in the margin where a paragraph or item has been
deleted. Underlines within the body of the code indicate a technical change to the 2006 North Carolina Plumbing Code from the