



Preface

Introduction

The principal purpose of the ICC Guideline series is to provide a state-of-the-art volume of knowledge that will contribute to public health, safety and general welfare in the built environment. Guideline projects are established based on market relevancy, demand and the realization that existing technical information, regulations or standards, if any, do not adequately address the subject or that such existing technical information needs to be enhanced, clarified and made more user friendly. ICC Guidelines are in-depth, topic-specific technical publications that have global relevancy and may be used internationally. They are different from codes or standards in that they will generally use nonmandatory language.

Moreover, the committee addressed what it deemed essential processes such as the owner's project requirements and the basis of design. Given their significance to the commissioning process, the Committee felt it was appropriate and important to address them in this document.

Development

Development of the ICC Guideline series was approved by the ICC Board of Directors in September 2008. ICC Policy GP 33-08 governs the development of ICC Guidelines and can be viewed on the ICC website at www.iccsafe.org. ICC Guidelines are developed with the establishment of a Guideline Development Committee (GDC). The GDC is made up of a diverse stakeholder population and the participants are focused on ensuring high-quality and timely technical information for the built environment's usage. Upon the GDC reaching consensus, the final draft is posted for a "Public Comment" period for 30 days. The GDC considers all public comments, revises the public comment draft as appropriate and sends its recommendations to ICC for publication.

Adoption

The *Guideline for Commissioning* is available for application and use around the world. Its use within a governmental entity or responsible agency is intended to be accomplished through adoption by reference in accordance with proceedings established by local laws, regulations and procedures. At the time of adoption, provisions requiring specific local information, such as the name of the adopting entity or agency should be inserted.

To accommodate the standardization of the *Guideline for Commissioning* into local law, the text passages of the guideline may need to be interpreted in a specific manner. Where definitive procedures are needed, mandatory language will become necessary and the following substitutions, definitions and rules can be applied to conform to definitive procedures with mandatory language.

- The words "may," "should," "could" and "can" are permissive in nature. Where defini-



TABLE OF CONTENT

Chapter 1: Introduction	1
Section 101 General	1
Chapter 2: Definitions	3
Section 201 Acronyms	3
Section 202 General definitions	3
Chapter 3: Standards for Compliance with Building Commissioning	5
Section 301 Owner's project requirements	5
Section 302 Basis of design	7
Section 303 Commissioning measures shown in the construction documents.	12
Section 304 Commissioning plan	14
Section 305 Functional performance testing	16
Section 306 Documentation and training	18
Section 307 Commissioning report	23
Chapter 4: Compliance Templates and Forms	25
Section 401 Owner's project requirements	25
Section 402 Basis of design	28
Chapter 5: Required Skills and Minimum Qualifications	41
Section 501 Site development and land use	41
Section 502 Materials (architectural building assembly)	43
Section 503 Energy	43
Section 504 HVAC Systems	44
Section 505 Lighting	45
Section 506 Water	46
Section 507 Indoor environmental quality	46
Section 508 Fire suppression systems	46
Section 509 Fire alarms	47
Section 510 Vertical conveyance systems	47
Section 511 Construction and demolition waste management	48
Chapter 6: Functional Systems Checklist	49
Section 601 Systems verification	49