

# **ICC 400-2022**

## **Standard on the Design and Construction of Log Structures**

American National Standard

International Code Council  
500 New Jersey Avenue, NW, 6<sup>th</sup> Floor  
Washington, D.C. 20001

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American National Standards Institute  
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# American National Standard

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# FOREWORD

## Introduction

In 2003, upon direction from the ICC Board of Directors, the ICC Standards Council appointed a consensus committee to develop a standard to cover the design and construction of log structures.

## Development

This is the fourth edition of the International Code Council® (ICC®) *Standard on the Design and Construction of Log Structures*. This standard was developed by the ICC Consensus Committee on Log Structures (IS-LOG) that operates under ANSI Approved ICC Consensus Procedures for the development of ICC standards. ICC is approved by ANSI as an Accredited Standards Developer.

The meetings of the IS-LOG Consensus Committee were open to the public and interested individuals and organizations from across the country participated. Views and objections were solicited through several public comment periods. All views and objections were considered by the consensus committee and an effort was made toward their resolution. A vote by the consensus committee approved this standard.

The requirements in ICC 400 are based on the intent to establish:

- Provisions consistent with the scope of the ICC family of codes and standards, which are written to adequately protect public health, safety and welfare.
- Provisions that do not necessarily increase construction costs.
- Provisions that do not restrict the use of new materials, products or methods of construction..

## Adoption

ICC 400, *Standard on the Design and Construction of Log Structures* 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 law.

## Formal Interpretations

Requests for Formal Interpretations on the provisions of ICC 400—2022 should be addressed to: ICC, Central Regional Office, 4051 Flossmoor Road, Country Club Hills, IL 60478.

## Maintenance – Submittal of Proposals

All ICC standards are revised as required by ANSI. Proposals for revising this edition are welcome. Please visit the ICC website at [www.iccsafe.org](http://www.iccsafe.org) for the official “Call for Proposals” announcement. A proposal form and instructions can also be downloaded from [www.iccsafe.org](http://www.iccsafe.org).

ICC, its members and those participating in the development of ICC 400—2022 do not accept any liability resulting from compliance or noncompliance with the provisions of ICC 400—2022. ICC does not have the power or authority to police or enforce compliance with the contents of this standard. Only the governmental body that enacts this standard into law has such authority.

## International Code Council Consensus Committee on Log Structures (IS-LOG)

**Consensus Committee Scope:** The Consensus Committee (CC) on Log Structures (IS-LOG) has primary responsibility for minimum requirements to safeguard the public health, safety and general welfare through design, construction and installation requirements for log and heavy timber structures.

This standard was processed and approved for submittal to ANSI by the ICC Consensus Committee on Log Structures (IS-LOG). Committee approval of the standard does not necessarily imply that all committee members voted for its approval.

## FOREWORD

Representatives on the Consensus Committee are classified in one of nine voting interest categories. The committee has been formed in order to achieve consensus as required by ANSI Essential Requirements. At the time it approved this standard, the IS-LOG Consensus Committee consisted of the following members:

Manufacturer (a) - Builder (b) - Standards Promulgator/Testing Laboratory (c) - User (d) - Utility (e) - Consumer (f) - Public Segment (g) - Government Regulator (h) - Insurance (I)

**Robert W. Chambers** (d), At Large, River Falls, WI

**David H. Conner** (c), Timber Products Inspection, Inc., Conyers, GA

**Robert G. Kenel** (b), Great Lakes Log Crafters Association, St. Charles, MI

**William McKinney** (h), New Hampshire Building Officials Association, Nashua, NH

**Jonathon Paradine** (h), State of Michigan/BCC, Lansing, MI

**Rob Pickett** (a), Log & Timber Homes Council, Hartland, VT

**Fred Roberts** (I), Roberts and Association, Fayetteville, TX

**Loren Ross, P.E.** (c), American Wood Council, Leesburg, VA

**Donald Sivigny** (h), State of Minnesota, St. Paul, MN

Committee Secretary, **Karl Aittaniemi, P.E.**, Director of Standards, Codes and Standards Development, International Code Council, Country Club Hills, IL

### Voting Membership in Each Category

Category	Number
Manufacturer (a)	1
Builder (b)	1
Standards Promulgator / Testing Laboratory (c)	2
User (d)	1
Utility (e)	
Consumer (f)	
Public Segment (g)	
Government Regulator (h)	3
Insurance (I)	1
<b>TOTAL</b>	<b>9</b>

### Interest Categories

**Manufacturer:** Individuals assigned to the Manufacturer Interest category are those who represent the interests of an entity, including an association of such entities, that produces an assembly or system subject to the provisions within the committee scope.

**Builder:** Individuals assigned to the Builder Interest category are those who represent the interests of an entity, including an association of such entities, that builds, installs or maintains an assembly or system subject to the provisions within the committee scope.

**Standards Promulgator/Testing Laboratory:** Individuals assigned to the Standards Promulgator/Testing Laboratory Interest category are those who represent the interests of an entity, including an association of such entities, that provides independent standards promulgation or laboratory testing of an assembly or system subject to the provisions within the committee scope.

**User:** Individuals assigned to the User Interest category are those who represent the interests of an entity, including an association of such entities, that is subject to the provisions or voluntarily utilizes the provisions within the committee scope, including designers, architects, consultants and building owners.

**Utility:** Individuals assigned to the Utility category are those who represent the interests of an entity, including an association of such entities, that supplies power or water or accepts wastewater from an assembly or system subject to the provisions within the committee scope.

**Consumer:** Individuals assigned to the Consumer Interest category are those who represent the interests of an entity, including an association of such entities, that represents the ultimate purchaser of the assembly or system subject to the provisions within the committee scope.

**Public Segment:** Individuals assigned to the Public Segment Interest category are those who represent the interests of an entity, including an association of such entities, that represent a particular group of the public that benefits from the assembly or system subject to the provisions within the committee scope.

**Government Regulator:** Individuals assigned to the Government Regulator Interest category are those who represent the interests of an entity, including an association of such entities, representing the entities that promulgate or enforce the provisions within the committee scope.

**Insurance:** Individuals assigned to the Insurance Interest category are those who represent the interests of an entity, including an association of such entities, that insures subject to the provisions or voluntarily utilizes the provisions within the committee scope, including insurance-related inspection agencies.





# TABLE OF CONTENTS

**CHAPTER 1 ADMINISTRATIVE PROVISIONS... 1**

Section

101 Administrative Provisions ..... 1

102 Applicability ..... 1

103 Provisions for Compliance ..... 1

104 Compliance Alternatives ..... 1

105 Conventions ..... 1

106 Inspections ..... 1

107 Foundations ..... 1

108 Design Loads ..... 1

109 Referenced Documents ..... 2

**CHAPTER 2 DEFINITIONS..... 3**

Section

201 General ..... 3

202 Defined Terms ..... 3

203 Symbols ..... 4

**CHAPTER 3 GENERAL REQUIREMENTS..... 7**

Section

301 General ..... 7

302 Materials ..... 7

303 Fire-Resistance Ratings of Logs and  
Log Assemblies ..... 48

304 Provisions for Settling in Log Structures ..... 48

305 Thermal Envelope ..... 55

306 Infiltration ..... 60

**CHAPTER 4 STRUCTURAL PROVISIONS ..... 63**

Section

401 General ..... 63

402 Prescriptive Provisions ..... 63

403 Engineered Provisions ..... 63

404 Connections ..... 64

405 Floor Systems ..... 65

406 Log Walls ..... 66

407 Roof Systems ..... 66

**CHAPTER 5 REFERENCED STANDARDS ..... 67**

**APPENDIX A US CLIMATE ZONES  
BY COUNTY..... 69**