

Third Printing

Publication date: March 1997

ISSN 0896-9736

ISBN 1-884590-83-7 (soft cover edition)

ISBN 1-884590-84-5 (loose leaf edition)

ISBN 1-884590-95-0 (2-vol. set—soft cover)

ISBN 1-884590-96-9 (2-vol. set—loose leaf)

publication by

International Fire Code Institute

5360 Workman Mill Road
Whittier, California 90601-2298
(562) 699-0124

Copyright © 1994, 1995, 1996, 1997

copyright held by

International Conference of Building Officials
5360 Workman Mill Road
Whittier, California 90601-2298

and

Western Fire Chiefs Association
300 N. Main Avenue, Suite 25
Fallbrook, California 92028

Licensed to the International Fire Code Institute

Cover photos courtesy of Factory Mutual Engineering Corporation
and Los Angeles County Department of Public Works.

Preface

Introduction: The *Uniform Fire Code* (UFC) is the United States' premier model fire code. Since its initiation in 1971, the code has become internationally recognized for its role in setting the pace of fire prevention, fire protection and public safety.

Fire codes represent one of today's most rapidly changing regulatory arenas. New challenges presented by hazardous materials, flammable and combustible liquids, explosives, high-piled combustible storage, aerosol product storage and building operations are among the many issues shaping the future of fire prevention, fire protection and public safety. In addition, fire codes have evolved far beyond their traditional roles as maintenance codes, now addressing many issues related to new construction and special hazards in buildings. As a model code developed through a consensus code development process, the *Uniform Fire Code* provides jurisdictions with an opportunity to adopt a fire code which is comprehensive, up-to-date and consistent with codes of other jurisdictions. Adoption of the *Uniform Fire Code* also relieves jurisdictions from the burdensome process of independently developing regulations.

History: The 1997 edition is the tenth edition of the *Uniform Fire Code*. Now published by the International Fire Code Institute, the code was initially published as a model code document in 1971 through a cooperative effort of the Western Fire Chiefs Association and the International Conference of Building Officials. The Code was updated in 1973 and has since been published on a three-year schedule. Editions include 1971, 1973, 1976, 1979, 1982, 1985, 1988, 1991, 1994 and 1997.

Two-Volume Set: Provisions of the *Uniform Fire Code* and the *Uniform Fire Code Standards* have been redesignated as a two-volume set of the *Uniform Fire Code*. Volume 1 contains the provisions previously contained in the *Uniform Fire Code* and Volume 2 contains provisions previously contained in the *Uniform Fire Code Standards*. This redesignation emphasized that both books are truly part of the *Uniform Fire Code* when the code is adopted.

Metrication: The *Uniform Fire Code* was metricated for the 1994 edition. Metric equivalents are provided in parentheses following English units. Formulas are also provided with metric equivalents. Metric equivalent formulas immediately follow English formulas and are denoted by "For **SI**:" preceding the metric equivalent. Some formulas do not use dimensions and, thus, are not provided with metric equivalents. Tables are provided with multiplying conversion factors in subheadings for each tabulated unit of measurement.

Metric equivalents included in the code represent approximate conversions from English units. Where metric units are shown in parentheses adjacent to English units, the English units shall be the exact code requirement, and the metric equivalent shall be considered as an approximation.

It is recognized that some of the selected units for metric conversions, such as the use of millimeters for most dimensions of length, may be nonstandard; however, unit selections were based on those used by the *Uniform Building Code* at the request of the General Services Administration, an agency of the United States Government.

How the Code is Revised: The *Uniform Fire Code* is updated on an annual basis. At the conclusion of each update cycle, an annual supplement to the current edition is published, except for every third year when all approved code changes are consolidated into a new edition of the code. Updating is accomplished through a consensus code development process administered by the International Fire Code Institute that allows anyone to submit proposals to revise the code and comment on the proposals of others through regular public hearings. Participants in the code development process represent a wide cross-section of fire officials, building officials, design professionals, manufacturers, developers, insurance organizations, researchers, industry associations and other interested parties.

For additional information about the process of revising the code or to submit a code change proposal, contact the International Fire Code Institute.

Marking of Revisions as Compared to the 1994 Edition: Solid vertical lines in the margins within the body of the code indicate a technical or major editorial change from the 1994 edition. The revision may be a new code provision, a revised provision or a provision that has been relocated from elsewhere in the code.

The letter **B** repeating in line vertically in the margin indicates that the provision is maintained under the code change procedures of the International Conference of Building Officials and that the provision is based on requirements of the *Uniform Building Code*.

The letter **M** repeating in line vertically in the margin indicates that the provision is maintained under the code change procedures of the International Conference of Building Officials and that the provision is based on requirements of the *Uniform Mechanical Code*[™].

Deletion indicators (◆) are provided in the margin where a paragraph or item listing has been deleted or relocated to another portion of the code.

Minor revisions, such as rewording or resequencing changes, have not been marked in the margin.

About the International Fire Code Institute

The International Fire Code Institute (IFCI) is a not-for-profit public service benefit corporation dedicated to public safety. The Institute is a membership association representing fire officials, building officials, design professionals, manufacturers, developers, insurance organizations, researchers, industry associations and other interested parties. Cosponsored by the International Association of Fire Chiefs (IAFC), the International Conference of Building Officials (ICBO) and the Western Fire Chiefs Association (WFCA), the institute was formed to act as an advocate for fire officials and as publishers of the *Uniform Fire Code*[™] (UFC) to promote the continued success of the UFC. The Institute began operations in October 1991, and together with IFCI's sister organizations, ICBO and WFCA, IFCI has nearly 70 years experience developing and promulgating model codes, including more than 20 years developing and promulgating the *Uniform Fire Code*.

The Institute occupies a unique niche among fire-safety organizations as the first organization in the United States to focus on model fire codes, and it has quickly become a leading fire-safety organization. The most well-known function of IFCI is the organization's role in administration of the *Uniform Fire Code* and ancillary programs.

The Institute has four major organizational objectives:

1. To promote international uniformity of fire prevention, hazardous material and building construction regulations;
2. To provide a forum in which persons interested in the prevention, control and suppression of fires, explosions and hazardous materials incidents can exchange methods of improved safety and ideas;
3. To continue publishing, developing and promoting the *Uniform Fire Code*; and
4. To provide education and support services for the *Uniform Fire Code*.

The Institute has already had a dramatic impact on the fire prevention profession. New programs and projects offered by IFCI include publication of the *IFCI Fire Code Journal*, the nation's first magazine to focus on fire code related issues. The *IFCI Fire Code Journal* is also unique in that it covers activities of interest in all of the model code organizations, not just those in the Uniform Codes, so that IFCI's members can keep abreast of major fire- and life-safety issues affecting codes throughout the United States. The Institute also offers numerous professional development seminars for fire code enforcers and users, nationally recognized certification programs for fire inspectors and underground storage tank installers and inspectors, and computer-assisted tools for using the UFC. Several additional projects to support fire code users are also under development.

Membership is currently available to individuals and organizations with an interest in fire codes, and membership benefits include receiving copies of each new edition of the *Uniform Fire Code* and annual supplements; the *IFCI Fire Code Journal* magazine; all proposed revisions to the *Uniform Fire Code*, code application and enforcement assistance by a staff of engineers, and discounts on publications, educational offerings and video training programs.

For further information on the International Fire Code Institute, please call IFCI's office at (562) 699-0124, fax (562) 699-4522.

CODES AND RELATED PUBLICATIONS

The International Conference of Building Officials (ICBO) publishes a family of codes, each correlated with the *Uniform Building Code*™ to provide jurisdictions with a complete set of building-related regulations for adoption. Some of these codes are published in affiliation with other organizations such as the International Fire Code Institute (IFCI) and the International Code Council (ICC). Reference materials and related codes also are available to improve knowledge of code enforcement and administration of building inspection programs. Publications and products are continually being added, so inquiries should be directed to Conference headquarters for a listing of available products. Many codes and references are also available on CD-ROM or floppy disk. These are denoted by (*). The following publications and products are available from ICBO:

CODES

***Uniform Building Code**, Volumes 1, 2 and 3. The most widely adopted model building code in the United States, the performance-based *Uniform Building Code* is a proven document, meeting the needs of government units charged with the enforcement of building regulations. Volume 1 contains administrative, fire- and life-safety and field inspection provisions; Volume 2 contains structural engineering design provisions; and Volume 3 contains material, testing and installation standards.

***Uniform Mechanical Code**™. Provides a complete set of requirements for the design, construction, installation and maintenance of heating, ventilating, cooling and refrigeration systems; incinerators and other heat-producing appliances.

International Plumbing Code™. Provides consistent and technically advanced requirements that can be used across the country to provide comprehensive regulations of modern plumbing systems. Setting minimum regulations for plumbing facilities in terms of performance objectives, the IPC provides for the acceptance of new and innovative products, materials and systems.

International Private Sewage Disposal Code™. Provides flexibility in the development of safety and sanitary individual sewage disposal systems and includes detailed provisions for all aspects of design, installation and inspection of private sewage disposal systems.

International Mechanical Code™. Establishes minimum regulations for mechanical systems using prescriptive and performance-related provisions. It is founded on broad-based principles that make possible the use of new materials and new mechanical designs.

Uniform Zoning Code™. This code is dedicated to intelligent community development and to the benefit of the public welfare by providing a means of promoting uniformity in zoning laws and enforcement.

***Uniform Fire Code**™, Volumes 1 and 2. The premier model fire code in the United States, the *Uniform Fire Code* sets forth provisions necessary for fire prevention and fire protection. Published by the International Fire Code Institute, the *Uniform Fire Code* is endorsed by the Western Fire Chiefs Association, the International Association of Fire Chiefs and ICBO. Volume 1 contains code provisions compatible with the *Uniform Building Code*, and Volume 2 contains standards referenced from the code provisions.

***Urban-Wildland Interface Code**™. Promulgated by IFCI, this code regulates both land use and the built environment in designated urban-wildland interface areas. This newly developed code is the only model code that bases construction requirements on the fire-hazard severity exposed to the structure. Developed under a grant from the Federal Emergency Management Agency, this code is the direct result of hazard mitigation meetings held after devastating wildfires.

Uniform Housing Code™. Provides complete requirements affecting conservation and rehabilitation of housing. Its regulations are compatible with the *Uniform Building Code*.

Uniform Code for the Abatement of Dangerous Buildings™. A code compatible with the *Uniform Building Code* and the *Uniform Housing Code* which provides equitable remedies consistent with other laws for the repair, vacation or demolition of dangerous buildings.

Uniform Sign Code™. Dedicated to the development of better sign regulation, its requirements pertain to all signs and sign construction attached to buildings.

Uniform Administrative Code™. This code covers administrative areas in connection with adoption of the *Uniform Building Code*,

Uniform Mechanical Code and related codes. It contains provisions which relate to site preparation, construction, alteration, moving, repair and use and occupancies of buildings or structures and building service equipment, including plumbing, electrical and mechanical regulations. The code is compatible with the administrative provisions of all codes published by the Conference.

Uniform Building Security Code™. This code establishes minimum standards to make dwelling units resistant to unlawful entry. It regulates swinging doors, sliding doors, windows and hardware in connection with dwelling units of apartment houses or one- and two-family dwellings. The code gives consideration to the concerns of police, fire and building officials in establishing requirements for resistance to burglary which are compatible with fire and life safety.

Uniform Code for Building Conservation™. A building conservation guideline presented in code format which will provide a community with the means to preserve its existing buildings while achieving appropriate levels of safety. It is formatted in the same manner as the *Uniform Building Code*, is compatible with other Uniform Codes, and may be adopted as a code or used as a guideline.

Dwelling Construction under the Uniform Building Code™. Designed primarily for use in home building and apprentice training, this book contains requirements applicable to the construction of one- and two-story dwellings based on the requirements of the *Uniform Building Code*. Available in English or Spanish.

Dwelling Construction under the Uniform Mechanical Code™. This publication is for the convenience of the homeowner or contractor interested in installing mechanical equipment in a one- or two-family dwelling in conformance with the *Uniform Mechanical Code*.

Supplements to UBC and related codes. Published in the years between editions, the Supplements contain all approved changes, plus an analysis of those changes.

Uniform Building Code—1927 Edition. A special 60th anniversary printing of the first published *Uniform Building Code*.

One and Two Family Dwelling Code. Promulgated by ICC, this code eliminates conflicts and duplications among the model codes to achieve national uniformity. Covers mechanical and plumbing requirements as well as construction and occupancy.

Application and Commentary on the One and Two Family Dwelling Code. An interpretative commentary on the *One and Two Family Dwelling Code* intended to enhance uniformity of interpretation and application of the code nationwide. Developed by the three model code organizations, this document includes numerous illustrations of code requirements and the rationale for individual provisions.

Model Energy Code. This code includes minimum requirements for effective use of energy in the design of new buildings and structures and additions to existing buildings. It is based on American Society of Heating, Refrigeration and Air-conditioning Engineers Standard 90A-1980 and was originally developed jointly by ICBO, BOCA, SBCCI and the National Conference of States on Building Codes and Standards under a contract funded by the United States Department of Energy. The code is now maintained by ICC and is adopted by reference in the *Uniform Building Code*.

National Electrical Code®. The electrical code used throughout the United States. Published by the National Fire Protection Association, it is an indispensable aid to every electrician, contractor, architect, builder, inspector and anyone who must specify or certify electrical installations.

TECHNICAL REFERENCES AND EDUCATIONAL MATERIALS

Analysis of Revisions to the Uniform Codes™. An analysis of changes between the previous and new editions of the Uniform Codes is provided. Changes between code editions are noted either at the beginning of chapters or in the margins of the code text.

***Handbook to the Uniform Building Code.** The handbook is a completely detailed and illustrated commentary on the *Uniform Building Code*, tracing historical background and rationale of the codes through the current edition. Also included are numerous drawings and figures clarifying the application and intent of the code provisions. Also available in electronic format.

***Handbook to the Uniform Mechanical Code.** An indispensable tool for understanding the provisions of the current UMC, the handbook traces the historical background and rationale behind the UMC provisions, includes 160 figures which clarify the intent and application of the code, and provides a chapter-by-chapter analysis of the UMC.

***Uniform Building Code Application Manual.** This manual discusses sections of the *Uniform Building Code* with a question-and-answer format, providing a comprehensive analysis of the intent of the code sections. Most sections include illustrative examples. The manual is in loose-leaf format so that code applications published in *Building Standards* magazine may be inserted. Also available in electronic format.

***Uniform Mechanical Code Application Manual.** As a companion document to the *Uniform Mechanical Code*, this manual provides a comprehensive analysis of the intent of a number of code sections in an easy-to-use question-and-answer format. The manual is available in a loose-leaf format and includes illustrative examples for many code sections.

***Uniform Fire Code Applications Manual.** This newly developed manual provides questions and answers regarding UFC provisions. A comprehensive analysis of the intent of numerous code sections, the manual is in a loose-leaf format for easy insertion of code applications published in IFCI's *Fire Code Journal*.

Quick-Reference Guide to the Occupancy Requirements of the 1997 UBC. Code requirements are compiled in this publication by occupancy groups for quick access. These tabulations assemble requirements for each occupancy classification in the code. Provisions, such as fire-resistive ratings for occupancy separations in Table 3-B, exterior wall and opening protection requirements in Table 5-A-1, and fire-resistive ratings for types of construction in Table 6-A, are tabulated for quick reference and comparison.

Plan Review Manual. A practical text that will assist and guide both the field inspector and plan reviewer in applying the code requirements. This manual covers the nonstructural and basic structural aspects of plan review.

Field Inspection Manual. An important fundamental text for courses of study at the community college and trade or technical school level. It is an effective text for those studying building construction or architecture and includes sample forms and checklists for use in the field.

Building Department Administration. An excellent guide for improvement of skills in departmental management and in the enforcement and application of the Building Code and other regulations administered by a building inspection department. This textbook will also be a valuable aid to instructors, students and those in related professional fields.

Building Department Guide to Disaster Mitigation. This new, expanded guide is designed to assist building departments in developing or updating disaster mitigation plans. Subjects covered include guidelines for damage mitigation, disaster-response management, immediate response, mutual aid and inspections, working with the media, repair and recovery policies, and public information bulletins. This publication is a must for those involved in preparing for and responding to disaster.

Building Official Management Manual. This manual addresses the unique nature of code administration and the managerial duties of the building official. A supplementary insert addresses the budgetary

and financial aspects of a building department. It is also an ideal resource for those preparing for the management module of the CABO Building Official Certification Examination.

Legal Aspects of Code Administration. A manual developed by the three model code organizations to inform the building official on the legal aspects of the profession. The text is written in a logical sequence with explanation of legal terminology. It is designed to serve as a refresher for those preparing to take the legal module of the CABO Building Official Certification Examination.

Illustrated Guide to Conventional Construction Provisions of the UBC. This comprehensive guide and commentary provides detailed explanations of the conventional construction provisions in the UBC, including descriptive discussions and illustrated drawings to convey the prescriptive provisions related to wood-frame construction.

Introduction to the Uniform Building Code. A workbook that provides an overview of the basics of the UBC.

Uniform Building Code Update Workbook. This manual addresses many of the changes to the administrative, fire- and life-safety, and inspection provisions appearing in the UBC.

UMC Workbook. Designed for independent study or use with instructor-led programs based on the *Uniform Mechanical Code*, this comprehensive study guide consists of 16 learning sessions, with the first two sessions reviewing the purpose, scope, definitions and administrative provisions and the remaining 14 sessions progressively exploring the requirements for installing, inspecting and maintaining heating, ventilating, cooling and refrigeration systems.

UBC Field Inspection Workbook. A comprehensive workbook for studying the provisions of the UBC. Divided into 12 sessions, this workbook focuses on the UBC combustible construction requirements for the inspection of wood-framed construction.

Concrete Manual. A publication for individuals seeking an understanding of the fundamentals of concrete field technology and inspection practices. Of particular interest to concrete construction inspectors, it will also benefit employees of concrete producers, contractors, testing and inspection laboratories and material suppliers.

Reinforced Concrete Masonry Construction Inspector's Handbook. A comprehensive information source written especially for masonry inspection covering terminology, technology, materials, quality control, inspection and standards. Published jointly by ICBO and the Masonry Institute of America.

You Can Build It! Sponsored by ICBO in cooperation with CABO, this booklet contains information and advice to aid "do-it-yourselfers" with building projects. Provides guidance in necessary procedures such as permit requirements, codes, plans, cost estimation, etc.

Guidelines for Manufactured Housing Installations. A guideline in code form implementing the *Uniform Building Code* and its companion code documents to regulate the permanent installation of a manufactured home on a privately owned, nonrental site. A commentary is included to explain specific provisions, and codes applying to each component part are defined.

Accessibility Reference Guide. This guide is a valuable resource for architects, interior designers, plan reviewers and others who design and enforce accessibility provisions. Features include accessibility requirements, along with detailed commentary and graphics to clarify the provisions; cross-references to other applicable sections of the UBC and the Americans with Disabilities Act Accessibility Guidelines; a checklist of UBC provisions on access and usability requirements; and many other useful references.

Educational and Technical Reference Materials. The Conference has been a leader in the development of texts and course material to assist in the educational process. These materials include vital information necessary for the building official and subordinates in carrying out their responsibilities and have proven to be excellent references in connection with community college curricula and higher-level courses in the field of building construction technology and inspection and in the administration of building departments. Included are plan review checklists for structural, nonstructural, mechanical and fire-safety provisions and a full line of videotapes and automated products.

TABLE OF CONTENTS

<p>Sample Ordinance for Adoption of the Uniform Fire Code 1-xv</p> <p>Part I General</p> <p>Article 1 Administration 1-1</p> <p style="padding-left: 20px;">Section 101 General 1-1</p> <p style="padding-left: 20px;">Section 102 Retroactive Application to Existing Conditions 1-1</p> <p style="padding-left: 20px;">Section 103 Inspection and Enforcement 1-1</p> <p style="padding-left: 20px;">Section 104 Control and Investigation of Emergency Scenes 1-3</p> <p style="padding-left: 20px;">Section 105 Permits 1-4</p> <p>Part II Definitions and Abbreviations</p> <p>Article 2 Definitions and Abbreviations 1-9</p> <p>Part III General Provisions for Safety</p> <p>Article 9 Fire Department Access and Water Supply 1-27</p> <p style="padding-left: 20px;">Section 901 General 1-27</p> <p style="padding-left: 20px;">Section 902 Fire Department Access 1-27</p> <p style="padding-left: 20px;">Section 903 Water Supplies and Fire Hydrants 1-28</p> <p>Article 10 Fire-protection Systems and Equipment 1-31</p> <p style="padding-left: 20px;">Section 1001 General 1-31</p> <p style="padding-left: 20px;">Section 1002 Portable Fire Extinguishers 1-32</p> <p style="padding-left: 20px;">Section 1003 Fire-extinguishing Systems 1-32</p> <p style="padding-left: 20px;">Section 1004 Standpipes 1-34</p> <p style="padding-left: 20px;">Section 1005 Basement Pipe Inlets 1-35</p> <p style="padding-left: 20px;">Section 1006 Protection of Commercial Cooking Operations 1-35</p> <p style="padding-left: 20px;">Section 1007 Fire Alarm Systems 1-36</p> <p>Article 11 General Safety Precautions 1-41</p> <p style="padding-left: 20px;">Section 1101 General 1-41</p> <p style="padding-left: 20px;">Section 1102 Incinerators, Open Burning and Commercial Barbecue Pits 1-41</p> <p style="padding-left: 20px;">Section 1103 Combustible Materials 1-42</p> <p style="padding-left: 20px;">Section 1104 Parade Floats 1-43</p> <p style="padding-left: 20px;">Section 1105 Asphalt Kettles 1-43</p> <p style="padding-left: 20px;">Section 1106 Gas Meters and Piping 1-43</p> <p style="padding-left: 20px;">Section 1107 Heat-producing Appliances 1-43</p> <p style="padding-left: 20px;">Section 1108 Powered Industrial Trucks 1-44</p> <p style="padding-left: 20px;">Section 1109 Control of Sources of Ignition 1-44</p> <p style="padding-left: 20px;">Section 1110 Vacant Buildings 1-45</p> <p style="padding-left: 20px;">Section 1111 Maintenance of Fire-resistive Construction 1-45</p> <p style="padding-left: 20px;">Section 1112 Maintenance of Interior Wall and Ceiling Finishes 1-45</p> <p style="padding-left: 20px;">Section 1113 Floor Openings 1-45</p> <p>Article 12 Maintenance of Means of Egress and Emergency Escapes 1-47</p> <p style="padding-left: 20px;">Section 1201 General 1-47</p> <p style="padding-left: 20px;">Section 1202 Adequacy of Means of Egress in Existing Occupancies 1-47</p> <p style="padding-left: 20px;">Section 1203 Means of Egress Obstructions 1-47</p> <p style="padding-left: 20px;">Section 1204 Aisles 1-47</p>	<p style="padding-left: 20px;">Section 1205 Fire Escape 1-47</p> <p style="padding-left: 20px;">Section 1206 Emergency Escapes 1-47</p> <p style="padding-left: 20px;">Section 1207 Doors 1-47</p> <p style="padding-left: 20px;">Section 1208 Gates and Barriers 1-48</p> <p style="padding-left: 20px;">Section 1209 Corridors 1-48</p> <p style="padding-left: 20px;">Section 1210 Stairways and Ramps 1-48</p> <p style="padding-left: 20px;">Section 1211 Means of Egress Illumination 1-48</p> <p style="padding-left: 20px;">Section 1212 Means of Egress Identification 1-48</p> <p style="padding-left: 20px;">Section 1213 Discharge, Dispersal and Refuge 1-49</p> <p>Article 13 Emergency Procedures 1-51</p> <p style="padding-left: 20px;">Section 1301 General 1-51</p> <p style="padding-left: 20px;">Section 1302 Reporting of Emergencies and False Alarms 1-51</p> <p style="padding-left: 20px;">Section 1303 Emergency Plans and Procedures 1-51</p> <p>PART IV Special Occupancy Uses</p> <p>Article 24 Airports, Heliports and Helistops 1-53</p> <p style="padding-left: 20px;">Section 2401 General 1-53</p> <p style="padding-left: 20px;">Section 2402 Fueling and Defueling 1-53</p> <p style="padding-left: 20px;">Section 2403 Heliports and Helistops 1-55</p> <p>Article 25 Places of Assembly 1-57</p> <p style="padding-left: 20px;">Section 2501 General 1-57</p> <p style="padding-left: 20px;">Section 2502 Reviewing Stands, Grandstands, Bleachers, and Folding and Telescoping Seating 1-60</p> <p style="padding-left: 20px;">Section 2503 Securing of Chairs 1-61</p> <p style="padding-left: 20px;">Section 2504 Outdoor Carnivals and Fairs 1-61</p> <p style="padding-left: 20px;">Section 2505 Liquid- and Gas-fueled Vehicles and Equipment 1-61</p> <p>Article 26 Bowling Alleys 1-63</p> <p style="padding-left: 20px;">Section 2601 Scope 1-63</p> <p style="padding-left: 20px;">Section 2602 Permits 1-63</p> <p style="padding-left: 20px;">Section 2603 Alley Resurfacing and Refinishing 1-63</p> <p style="padding-left: 20px;">Section 2604 Pin-refinishing Rooms 1-63</p> <p>Article 27 Cellulose Nitrate Plastics (Pyroxylin), Storage and Handling 1-65</p> <p style="padding-left: 20px;">Section 2701 Scope 1-65</p> <p style="padding-left: 20px;">Section 2702 Definitions 1-65</p> <p style="padding-left: 20px;">Section 2703 Permits 1-65</p> <p style="padding-left: 20px;">Section 2704 Display of Plastics 1-65</p> <p style="padding-left: 20px;">Section 2705 Storage and Handling 1-65</p> <p style="padding-left: 20px;">Section 2706 Fire-protection Equipment 1-65</p> <p style="padding-left: 20px;">Section 2707 Sources of Ignition 1-65</p> <p>Article 28 Storage and Handling of Combustible Fibers 1-67</p> <p style="padding-left: 20px;">Section 2801 Scope 1-67</p> <p style="padding-left: 20px;">Section 2802 Definitions 1-67</p> <p style="padding-left: 20px;">Section 2803 Permits 1-67</p> <p style="padding-left: 20px;">Section 2804 Loose Storage 1-67</p> <p style="padding-left: 20px;">Section 2805 Baled Storage 1-67</p> <p style="padding-left: 20px;">Section 2806 Storage of Agricultural Products 1-67</p> <p style="padding-left: 20px;">Section 2807 Dust-collecting System 1-67</p> <p>Article 29 Repair Garages 1-69</p> <p style="padding-left: 20px;">Section 2901 General 1-69</p>
--	---

Section 2902	Repair Garages for Liquid-fueled and LPG-fueled Vehicles	1-69	Section 3406	Housekeeping	1-81
Section 2903	Repair Garages for Natural Gas- and Hydrogen-fueled Vehicles	1-69	Section 3407	Fire Protection	1-81
Article 30 Wood Products		1-71	Section 3408	Tires	1-81
Section 3001	Scope	1-71	Section 3409	Burning Operations	1-81
Section 3002	Definitions	1-71	Section 3410	Motor Vehicle Fluids and Hazardous Materials	1-81
Section 3003	Permits	1-71	Article 35 Covered Mall Buildings		1-83
Section 3004	General Requirements	1-71	Section 3501	Scope	1-83
Section 3005	Log Storage Areas	1-71	Section 3502	Definitions	1-83
Section 3006	Storage of Wood Chips and Hogged Material in Association with Timber and Lumber Production Facilities	1-71	Section 3503	Permits	1-83
Section 3007	Plywood and Veneer Mills	1-71	Section 3504	General Requirements	1-83
Section 3008	Storage and Processing of Wood Chips, Hogged Material, Fines, Compost and Raw Product in Association with Yard Waste and Recycling Facilities	1-72	Section 3505	Temporary Structures	1-83
Section 3009	Exterior Storage of Finished Lumber Products	1-72	Section 3506	Temporary Places of Assembly	1-83
Article 31 (Not Used)			Article 36 Dry Cleaning		1-85
Article 32 Temporary Membrane Structures, Tents and Canopies		1-75	Section 3601	General	1-85
Section 3201	Scope	1-75	Section 3602	Dry Cleaning with Noncombustible Liquids Except for Limited-access Spotting Operations	1-85
Section 3202	Definitions	1-75	Section 3603	Dry Cleaning with Flammable and Combustible Liquids	1-86
Section 3203	Permits	1-75	Part V Special Processes		
Section 3204	Use Period	1-75	Article 45 Application of Flammable Finishes		1-89
Section 3205	Access, Location and Parking	1-75	Section 4501	General	1-89
Section 3206	Structural Stability	1-75	Section 4502	Spray Finishing	1-89
Section 3207	Flame Resistance	1-75	Section 4503	Dipping Operations	1-92
Section 3208	Portable Fire Extinguishers	1-75	Section 4504	Electrostatic Apparatus	1-94
Section 3209	Maximum Occupant Load	1-75	Section 4505	Powder Coating	1-94
Section 3210	Seating Arrangements	1-75	Section 4506	Organic Peroxides and Dual-component Coatings	1-95
Section 3211	Means of Egress	1-75	Article 46 Fruit-ripening Processes		1-97
Section 3212	Maintenance of Means of Egress	1-76	Section 4601	Scope	1-97
Section 3213	Means of Egress Illumination	1-76	Section 4602	Permits	1-97
Section 3214	Exit Signs	1-76	Section 4603	Use of Ethylene	1-97
Section 3215	Sources of Ignition	1-76	Section 4604	Electrical Equipment and Illumination	1-97
Section 3216	Cooking and Heating	1-76	Section 4605	Heating	1-97
Section 3217	Flammable and Combustible Liquids	1-76	Section 4606	Sources of Ignition	1-97
Section 3218	Display of Motor Vehicles	1-76	Section 4607	Housekeeping	1-97
Section 3219	Generators	1-76	Article 47 Fumigation and Thermal Insecticidal Fogging		1-99
Section 3220	Standby Personnel	1-76	Section 4701	Scope	1-99
Section 3221	Housekeeping	1-77	Section 4702	Permits	1-99
Article 33 Cellulose Nitrate Motion Picture Film		1-79	Section 4703	Sources of Ignition	1-99
Section 3301	Scope	1-79	Section 4704	Notification of Fumigation	1-99
Section 3302	Permits	1-79	Section 4705	Breathing Apparatus	1-99
Section 3303	Buildings	1-79	Section 4706	Watch during Fumigation	1-99
Section 3304	Storage and Handling	1-79	Section 4707	Sealing of Buildings	1-99
Article 34 Automobile Wrecking Yards		1-81	Section 4708	Warning Signs	1-99
Section 3401	Scope	1-81	Section 4709	Venting and Cleanup	1-99
Section 3402	Definitions	1-81	Section 4710	Thermal Insecticidal Fogging Liquids	1-99
Section 3403	Permits	1-81	Section 4711	Carbon Disulfide and Hydrogen Cyanide	1-99
Section 3404	Fire Apparatus Access Roads	1-81	Article 48 Magnesium		1-101
Section 3405	Welding and Cutting	1-81	Section 4801	Scope	1-101
			Section 4802	Permits	1-101
			Section 4803	Storage of Pigs, Ingots and Billets	1-101
			Section 4804	Melting Pots	1-101

Section 4805	Storage of Magnesium Articles in Foundries and Processing Plants	1-101	Section 6204	Ventilation	1-131
Section 4806	Heat-treating Ovens	1-101	Section 6205	Safety Controls	1-131
Section 4807	Magnesium Processing Operations	1-101	Article 63 Refrigeration		1-133
Section 4808	Fire-extinguishing Materials	1-101	Section 6301	Scope	1-133
Section 4809	Storage of Magnesium Articles	1-101	Section 6302	Classification	1-133
Section 4810	Fine Magnesium Scrap	1-101	Section 6303	Definitions	1-133
Article 49 Hot Work		1-103	Section 6304	Permits and Plans	1-133
Section 4901	General	1-103	Section 6305	Installation and Maintenance	1-133
Section 4902	Fixed Hot-work Areas	1-104	Section 6306	Access	1-133
Article 50 Manufacture of Organic Coatings		1-105	Section 6307	Emergency Control Box	1-133
Section 5001	Scope	1-105	Section 6308	Treatment and Flaring Systems for Discharge	1-133
Section 5002	Definitions	1-105	Section 6309	Ammonia Discharge	1-133
Section 5003	Permits	1-105	Section 6310	Refrigeration Machinery Rooms	1-134
Section 5004	Process Buildings	1-105	Section 6311	Refrigeration Machinery Room Ventilation	1-134
Section 5005	Storage of Raw Materials and Finished Products	1-105	Section 6312	Refrigerated Process and Storage Areas	1-135
Section 5006	Spill Control and Secondary Containment	1-105	Section 6313	Detection and Alarm Systems	1-135
Section 5007	Process Mills, Mixers and Kettles	1-105	Section 6314	Refrigeration Machinery Room Equipment and Controls	1-135
Section 5008	Process Piping	1-106	Section 6315	Refrigerant Control Valves	1-135
Section 5009	Transfer of Flammable and Combustible Liquids in Process Areas	1-106	Section 6316	Protection from Mechanical Damage	1-136
Section 5010	Raw Materials in Process Areas	1-106	Section 6317	Electrical	1-136
Section 5011	Electrical Equipment	1-106	Section 6318	Instructions	1-136
Section 5012	Protection from Static Electricity and Lightning	1-106	Section 6319	Emergency Signs and Labels	1-136
Section 5013	Fire Protection	1-107	Section 6320	Testing of Equipment	1-136
Section 5014	Maintenance	1-107	Section 6321	Notification of Discharges	1-136
Article 51 Semiconductor Fabrication Facilities		1-109	Section 6322	Storage, Handling and Use	1-136
Section 5101	General	1-109	Section 6323	Changing of Refrigerant Type	1-136
Section 5102	Storage	1-112	Section 6324	Records	1-136
Section 5103	Use and Handling	1-112	Article 64 Stationary Lead-acid Battery Systems		1-137
Article 52 Motor Vehicle Fuel-dispensing Stations		1-117	Section 6401	Scope	1-137
Section 5201	General	1-117	Section 6402	Definitions	1-137
Section 5202	Flammable and Combustible Liquid Motor Vehicle Fuel-dispensing Stations	1-118	Section 6403	Permits	1-137
Section 5203	Liquefied Petroleum Gas Motor Vehicle Fuel-dispensing Stations	1-126	Section 6404	Installation and Maintenance	1-137
Section 5204	Compressed Natural Gas Motor Vehicle Fuel-dispensing Stations	1-126			
Part VI Special Equipment			Part VII Special Subjects		
Article 61 Oil-burning Equipment		1-129	Article 74 Compressed Gases		1-139
Section 6101	Scope	1-129	Section 7401	General	1-139
Section 6102	General	1-129	Section 7402	Storage	1-140
Section 6103	Permits	1-129	Section 7403	Use and Handling	1-141
Section 6104	Electrical Wiring and Equipment	1-129	Section 7404	Medical Gas Systems	1-141
Section 6105	Fuel Oil	1-129	Article 75 Cryogenic Fluids		1-143
Section 6106	Portable Unvented Oil-burning Heating Appliances	1-129	Section 7501	General	1-143
Article 62 Industrial Baking and Drying Ovens		1-131	Section 7502	Storage	1-145
Section 6201	Scope	1-131	Section 7503	Use and Handling	1-146
Section 6202	Permits and Plans	1-131	Article 76 Prevention of Dust Explosions		1-147
Section 6203	Location and Construction	1-131	Section 7601	General	1-147
			Section 7602	Enclosures	1-147
			Section 7603	Separators	1-147
			Section 7604	Dust Collection	1-147
			Section 7605	Housekeeping	1-147
			Section 7606	Electrical Grounding	1-147
			Section 7607	Smoking and Open Flames	1-147
			Section 7608	Explosion Control	1-147

Article 77 Explosive Materials	1-149	Section 8502 Definitions	1-247
Section 7701 General	1-149	Section 8503 Use of Temporary Wiring	1-247
Section 7702 Storage	1-150	Section 8504 Abatement of Electrical Hazards	1-247
Section 7703 Use, Handling and Transportation	1-154	Section 8505 Electrical Motors	1-247
Section 7704 Manufacturing, Assembling and Testing	1-156	Section 8506 Extension Cords and Flexible Cords ...	1-247
Article 78 Fireworks and Pyrotechnic Special Effects Material	1-159	Section 8507 Multiplug Adapters	1-247
Section 7801 General	1-159	Section 8508 Power Taps	1-247
Section 7802 Fireworks	1-159	Section 8509 Access to Switchboards and Panelboards	1-247
Section 7803 Pyrotechnic Special Effects Material ...	1-161	Article 86 (Not Used)	
Article 79 Flammable and Combustible Liquids	1-163	Article 87 Firesafety during Construction, Alteration or Demolition of a Building	1-251
Section 7901 General	1-163	Section 8701 Scope	1-251
Section 7902 Storage	1-168	Section 8702 Permits	1-251
Section 7903 Dispensing, Use, Mixing and Handling .	1-189	Section 8703 Approvals	1-251
Section 7904 Special Operations	1-194	Section 8704 Firesafety during Construction	1-251
Article 80 Hazardous Materials	1-201	Section 8705 Alterations of Buildings	1-252
Section 8001 General	1-201	Section 8706 Firesafety during Demolition	1-252
Section 8002 Classification by Hazard	1-209	Section 8707 Asbestos Removal	1-252
Section 8003 Storage	1-213	Article 88 Aerosol Products	1-253
Section 8004 Use, Dispensing and Handling	1-226	Section 8801 General	1-253
Article 81 High-piled Combustible Storage	1-231	Section 8802 Storage and Retail Displays	1-253
Section 8101 General	1-231	Section 8803 Automatic Fire-extinguishing Systems and Storage Arrangements	1-257
Section 8102 General Fire-protection and Life-safety Features	1-234	Part VIII Standards	
Section 8103 Solid-piled and Shelf Storage	1-235	Article 90 Standards	1-261
Section 8104 Rack Storage	1-236	Section 9001 General	1-261
Section 8105 Automated Storage	1-236	Section 9002 UFC Standards	1-261
Section 8106 Specialty Storage	1-236	Section 9003 Recognized Standards	1-261
Article 82 Liquefied Petroleum Gases	1-239	Part IX Appendices	
Section 8201 Scope	1-239	Division I Existing Buildings	1-265
Section 8202 Permits, Plans and Records	1-239	Appendix I-A Life-safety Requirements for Existing Buildings other than High Rise	1-265
Section 8203 Installation of Equipment	1-239	Section 1 General	1-265
Section 8204 Location of Containers	1-239	Section 2 Means of Egress	1-265
Section 8205 Prohibited Use of LP-Gas	1-240	Section 3 Enclosure of Vertical Shafts	1-266
Section 8206 Dispensing and Overfilling	1-240	Section 4 Basement Access or Sprinkler Protection	1-266
Section 8207 Safety Devices	1-240	Section 5 Standpipes	1-266
Section 8208 Smoking and Other Sources of Ignition	1-240	Section 6 Smoke Detectors	1-266
Section 8209 Clearance to Combustibles	1-240	Section 7 Separation of Occupancies	1-266
Section 8210 Protecting Containers from Vehicles ...	1-240	Appendix I-B Life-safety Requirements for Existing High-rise Buildings	1-267
Section 8211 Fire Protection	1-240	Section 1 Scope	1-267
Section 8212 Storage of Portable Containers Awaiting Use or Resale	1-240	Section 2 General	1-267
Section 8213 Containers Not in Service	1-241	Section 3 Compliance Data	1-267
Section 8214 Parking and Garaging	1-241	Section 4 Authority of the Chief	1-267
Article 83 (Not Used)		Section 5 Appeals Board	1-267
Article 84 Motion Picture Projection	1-245	Section 6 Specific Provisions and Alternates ...	1-267
Section 8401 Scope	1-245	Appendix I-C Stairway Identification	1-271
Section 8402 Projection Rooms	1-245	Section 1 Scope	1-271
Section 8403 Smoking	1-245	Section 2 General	1-271
Section 8404 Projection Equipment	1-245	Section 3 Sign Details	1-271
Section 8405 Film Storage and Use	1-245	Section 4 Examples	1-271
Article 85 Electrical Equipment and Wiring	1-247		
Section 8501 Scope	1-247		

Division II Special Hazards	1-273	Section 3	Qualifications of Range Officer	1-281	
Appendix II-A Suppression and Control of Hazardous Fire Areas	1-273	Section 4	Inspection and Disposal of Ammunition	1-281	
Section 1	Scope	1-273	Section 5	Portable Fire Appliances	1-281
Section 2	Definitions	1-273	Section 6	Removal of Vegetation	1-281
Section 3	Permits	1-273	Section 7	Warnings	1-281
Section 4	Restricted Entry	1-273	Appendix II-E Hazardous Materials Management Plans and Hazardous Materials Inventory Statements	1-283	
Section 5	Trespassing on Posted Property	1-273	Section 1	Scope	1-283
Section 6	Smoking	1-273	Section 2	Hazardous Materials Inventory Statements (HMIS)	1-283
Section 7	Spark Arresters	1-273	Section 3	Hazardous Materials Management Plan (HMMP)	1-283
Section 8	Tracer Bullets, Tracer Charges, Rockets and Model Aircraft	1-273	Section 4	Maintenance of Records	1-284
Section 9	Explosives and Blasting	1-273	Appendix II-F Protected Aboveground Tanks for Motor Vehicle Fuel-dispensing Stations Outside Buildings	1-291	
Section 10	Fireworks	1-273	Section 1	Scope	1-291
Section 11	Apiaries	1-273	Section 2	Definitions	1-291
Section 12	Open-flame Devices	1-273	Section 3	Permits and Plans	1-291
Section 13	Outdoor Fires	1-274	Section 4	Tank Design	1-291
Section 14	Incinerators and Fireplaces	1-274	Section 5	Installation of Tanks	1-291
Section 15	Clearance of Brush and Vegetative Growth from Electrical Transmission Lines	1-274	Section 6	Installation of Dispensing and Piping Systems	1-292
Section 16	Clearance of Brush or Vegetative Growth from Structures	1-274	Section 7	Parking of Tank Vehicles	1-292
Section 17	Clearance of Brush or Vegetative Growth from Roadways	1-275	Section 8	Maintenance	1-292
Section 18	Unusual Circumstances	1-275	Appendix II-G Secondary Containment for Underground Tank Systems Containing Flammable or Combustible Liquids	1-293	
Section 19	Dumping	1-275	Section 1	Scope	1-293
Section 20	Disposal of Ashes	1-275	Section 2	Circumstances Warranting Secondary Containment	1-293
Section 21	Use of Fire Roads and Firebreaks	1-275	Section 3	Approved Methods of Secondary Containment	1-293
Section 22	Use of Motorcycles, Motor Scooters and Motor Vehicles	1-275	Appendix II-H Site Assessments for Determining Potential Fire and Explosion Risks from Underground Flammable or Combustible Liquid Tank Leaks	1-295	
Section 23	Tampering with Fire Department Locks, Barricades and Signs	1-275	Section 1	Scope	1-295
Section 24	Liability for Damage	1-275	Section 2	Site Assessment Criteria	1-295
Appendix II-B Protection of Flammable and Combustible Liquid Tanks in Locations Subject to Flooding	1-277	Section 3	Site Assessment Records	1-295	
Section 1	Pipe Connections	1-277	Appendix II-I Ozone Gas-generating Equipment	1-297	
Section 2	Aboveground Tanks	1-277	Section 1	Scope	1-297
Section 3	Underground Tanks	1-277	Section 2	Definitions	1-297
Section 4	Independent Water Supply Facilities	1-277	Section 3	Standards	1-297
Section 5	Structural Guides	1-277	Section 4	Location	1-297
Section 6	Safe Practices	1-278	Section 5	Piping Valves and Fittings	1-297
Section 7	Inspections	1-278	Section 6	Automatic Shutdown	1-297
Section 7	Manual Shutdown	1-297	Appendix II-J Storage of Flammable and Combustible Liquids in Tanks Located within Below-grade Vaults	1-299	
Appendix II-C Marinas	1-279	Section 1	Scope	1-299	
Section 1	Scope	1-279	Section 2	Definitions	1-299
Section 2	Plans and Approvals	1-279	Section 3	General	1-299
Section 3	Permits	1-279	Section 4	Location	1-299
Section 4	Definitions	1-279	Section 5	Vault Construction	1-299
Section 5	Fire Prevention	1-279			
Section 6	Fire-protection Equipment	1-279			
Section 7	Transmission of Alarms	1-279			
Section 8	Marine Motor Vehicle Fuel-dispensing Stations	1-279			
Appendix II-D Rifle Ranges	1-281				
Section 1	Permit	1-281			
Section 2	Supervision by Range Officer	1-281			

Section 6	Ventilation	1-299	Section 7	Watering	1-311
Section 7	Tanks and Piping	1-299	Section 8	Dryness	1-311
Section 8	Monitoring and Detection	1-300	Section 9	Open Flames	1-311
Section 9	Dispensing Systems	1-300	Section 10	Electric Lights	1-311
Section 10	Fire Suppression and Water-supply System	1-300	Section 11	Daily Tests	1-311
Section 11	Signs	1-300	Division V Standards		1-313
Division III Fire Protection		1-301	Appendix V-A Nationally Recognized Standards of Good Practice		1-313
Appendix III-A Fire-flow Requirements for Buildings		1-301	Section 1	Scope	1-313
Section 1	Scope	1-301	Section 2	Standards	1-313
Section 2	Definitions	1-301	Division VI Informational		1-315
Section 3	Modifications	1-301	Appendix VI-A Hazardous Materials Classifications ..		1-315
Section 4	Fire Area	1-301	Section 1	Scope	1-315
Section 5	Fire-flow Requirements for Buildings ..	1-301	Section 2	Hazard Categories	1-315
Appendix III-B Fire Hydrant Locations and Distribution		1-303	Section 3	Evaluation of Hazards	1-318
Section 1	Scope	1-303	Section 4	Reference Publications	1-320
Section 2	Location	1-303	Appendix VI-B Hazard Ranking		1-323
Section 3	Number of Fire Hydrants	1-303	Section 1	Scope	1-323
Section 4	Consideration of Existing Fire Hydrants	1-303	Section 2	General	1-323
Section 5	Distribution of Fire Hydrants	1-303	Section 3	Degree of Hazard	1-323
Appendix III-C Inspection, Testing and Maintenance of Water-based Fire-protection Systems		1-305	Appendix VI-C Emergency Relief Venting for Fire Exposure for Aboveground Tanks		1-325
Section 1	General	1-305	Appendix VI-D Model Citation Program		1-329
Appendix III-D Basement Pipe Inlets		1-307	Section 1	General	1-329
Section 1	Scope	1-307	Section 2	Operating Procedure Citation Program ..	1-329
Section 2	Location	1-307	Appendix VI-E Reference Tables from the Uniform Building Code		1-337
Section 3	Specifications	1-307	Appendix VI-F Recommended Separation Distances for Explosive Materials		1-349
Division IV Special Combustion Hazards		1-309	Section 1	Classification of Explosive Materials ..	1-349
Appendix IV-A Interior Floor Finish		1-309	Section 2	Recommended Separation Distances for Explosive Materials	1-349
Section 1	Scope	1-309	Appendix VI-G Cryogenic Fluids Weight and Volume Equivalents		1-357
Section 2	General	1-309	Appendix VI-H Refrigerant Groups and Properties ...		1-359
Section 3	Testing and Classification of Materials .	1-309	Appendix VI-I Unit Conversion Tables		1-361
Appendix IV-B Christmas Trees		1-311	Unit Conversion Tables		1-361
Section 1	Scope	1-311	Gage Conversion Table		1-364
Section 2	Permits	1-311	INDEX		1-365
Section 3	Flame Retardance	1-311			
Section 4	Tags	1-311			
Section 5	Support Device	1-311			
Section 6	Butt Cut	1-311			

An ordinance adopting the *Uniform Fire Code* prescribing regulations governing conditions hazardous to life and property from fire, hazardous materials or explosion; providing for the issuance of permits for hazardous uses or operations; and establishing a bureau of fire prevention and providing officers therefor and defining their powers and duties

Be it ordained by the _____ [Jurisdiction Name].

Sec. 1. ADOPTION OF UNIFORM FIRE CODE.

There is hereby adopted by the _____ [Legislative Body and Jurisdiction Name] for the purpose of prescribing regulations governing conditions hazardous to life and property from fire, hazardous materials or explosion, that certain Code known as the *Uniform Fire Code*, including Appendix Chapters _____ and Appendix Standards _____ [insert appropriate appendices. See *Uniform Fire Code* Sections 101.8 and 9001.1.], published by the International Fire Code Institute, being particularly the 1997 edition thereof and the whole thereof, save and except such portions as are hereinafter deleted, modified or amended by Section 8 of this ordinance, three (3) copies of which have been and are now filed in the office of the clerk of the _____ [Jurisdiction's Clerk] and the same are hereby adopted and incorporated as fully as if set out at length herein, and from the date on which this ordinance shall take effect, the provision thereof shall be controlling within the limits of the _____ [Jurisdiction Name].

Sec. 2. ESTABLISHMENT AND DUTIES OF BUREAU OF FIRE PREVENTION.

2.1 The *Uniform Fire Code* as adopted and amended herein shall be enforced by the bureau of fire prevention (or other designated agency) in the fire department of the _____ [Jurisdiction Name] which is hereby established and which shall be operated under the supervision of the chief of the fire department.

2.2 The chief (or fire marshal) in charge of the bureau of fire prevention (or other designated agency) shall be appointed by _____ [Name of Appointing Authority] on the basis of examination to determine his or her qualifications.

2.3 The chief of the fire department shall recommend to the _____ [Name of the Proper Administrative Authority Should Be Inserted in the Blank Space] the employment of technical inspectors, who, when such authorization is made, shall be selected through an examination to determine their fitness for the position. The examination shall be open to members and nonmembers of the fire department, and appointments made after examination shall be for an indefinite term with removal only for cause.

Sec. 3. DEFINITIONS.

3.1 Wherever the word "jurisdiction" is used in the *Uniform Fire Code*, it is _____ [Name of the State, County, City or Town, or Fire District].

3.2 Where the party responsible for the enforcement of the *Uniform Fire Code* is given the title of "fire marshal," add the following definition:

FIRE MARSHAL is the chief of the bureau of fire prevention.

Sec. 4. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVEGROUND TANKS IS PROHIBITED.

The limits referred to in Sections 7902.2.2.1 and 7904.2.5.4.2 of the *Uniform Fire Code* in which the storage of flammable or combustible liquids is restricted are hereby established as follows: _____

[These limits should include heavily populated and congested commercial areas. These limits should be detailed unless such limits are established by other regulations. It may be desirable in some jurisdictions to establish limitations based on quantities or classes of liquids or both.]

Sec. 5. ESTABLISHMENT OF LIMITS IN WHICH STORAGE OF LIQUEFIED PETROLEUM GASES IS PROHIBITED.

The limits referred to in Section 8204.2 of the *Uniform Fire Code*, in which storage of liquefied petroleum gas is restricted, are hereby established as follows: _____

[These limits should include the heavily populated and the congested commercial areas. These limits should be detailed unless such limits are established by other regulations.]

Sec. 6. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH STORAGE OF EXPLOSIVES AND BLASTING AGENTS IS TO BE PROHIBITED.

The limits referred to in Section 7701.7.2 of the *Uniform Fire Code*, in which storage of explosives and blasting agents is prohibited, are hereby established as follows: _____

[These limits should include the heavily populated and the congested commercial areas. These limits should be detailed unless such limits are established by other regulations.]

Sec. 7. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH THE STORAGE OF COMPRESSED NATURAL GAS IS TO BE PROHIBITED.

The limits referred to in Section 5204.5.2 of the *Uniform Fire Code* in which the storage of compressed natural gas storage is prohibited, are hereby established as follows: _____

[These limits should include the heavily populated and the congested commercial areas. These limits should be detailed unless such limits are established by other regulations.]

Sec. 8. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH THE STORAGE OF STATIONARY TANKS OF FLAMMABLE CRYOGENIC FLUIDS ARE TO BE PROHIBITED.

The limits referred to in Section 3-1.5 of *Uniform Fire Code* Standard 80-3 in which the storage of flammable cryogenic fluids in stationary containers is prohibited are hereby established as follows:

[These limits should include the heavily populated and congested commercial areas. These limits should be detailed unless such limits are established by other regulations.]

Sec. 9. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH THE STORAGE OF HAZARDOUS MATERIALS IS TO BE PROHIBITED OR LIMITED.

The limits referred to in Section 8001.1.1 of the *Uniform Fire Code* in which the storage of hazardous materials is prohibited or limited is hereby established as follows:

[These limits should include the heavily populated and the congested commercial areas. These limits should be detailed unless such limits are established by other regulations.]

Sec. 10. AMENDMENTS TO THE UNIFORM FIRE CODE.

The *Uniform Fire Code* is amended and changed in the following respects: Section _____, paragraphs _____ and _____ are amended as follows:

NOTE: Amendments deemed necessary should be inserted. Sections in the code dealing with subjects covered adequately by existing local or state laws may be cited as deleted.

Sec. 11. APPEALS.

Whenever the chief disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code do not apply or that the true intent and meaning of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decision of the chief to _____ [Fill in body to which appeal should be made. See *Uniform Fire Code* Section 103.1.4.] within 30 days from the date of the decision appealed.

Sec. 12. NEW MATERIALS, PROCESSES OR OCCUPANCIES WHICH MAY REQUIRE PERMITS.

The _____ [Administrator], the chief and the chief of the bureau of fire prevention shall act as a committee to determine and specify, after giving affected persons an opportunity to be heard, any new materials, processes or occupancies for which permits are required in addition to those now enumerated in the *Uniform Fire Code*. The chief of the bureau of fire prevention shall post such list in a conspicuous place at the bureau of fire prevention and distribute copies thereof to interested persons.

Sec. 13. PENALTIES.

13.1 Any person who violates any of the provisions of the *Uniform Fire Code* as adopted and amended herein or fails to comply therewith, or who violates or fails to comply with any order made thereunder, or who builds in violation of any detailed statement of specifications or plans submitted and approved thereunder, or any certificate or permit issued thereunder, and from which no appeal has been taken, or who fails to comply with such an order as affirmed or modified by the _____ [Fill in body to which appeal should be made. See *Uniform Fire Code* Section 103.1.4.] or by a court of competent jurisdiction, within the required time, shall severally for each and every such violation and noncompliance, respectively, be guilty of a misdemeanor, punishable by a fine of not less than \$ _____ nor more than \$ _____ or by imprisonment for not less than _____ days nor more than _____ days or by both such fine and imprisonment. The imposition of one penalty for any violation shall not excuse the violation or permit it to continue; and all such persons shall be required to correct or remedy such violations or defects within a reasonable time; and when not otherwise specified, each ten days that prohibited conditions are maintained shall constitute a separate offense.

13.2 The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

Sec. 14. REPEAL OF CONFLICTING ORDINANCES.

All former ordinances or parts thereof conflicting or inconsistent with the provisions of this ordinance or of the *Uniform Fire Code* as adopted and amended herein are hereby repealed.

NOTE: In some jurisdictions, reference to specific laws that are amended or repealed is preferred or may be required.

Sec. 15. VALIDITY.

The _____ [Legislative Body] hereby declares that should any section, paragraph, sentence or word of this ordinance or of the *Uniform Fire Code* as adopted and amended herein be declared for any reason to be invalid, it is the intent of _____ that it would have passed all other portions of this ordinance independent of the elimination herefrom of any such portion as may be declared invalid.

Sec. 16. DATE OF EFFECT.

This ordinance shall take effect and be in force from and after its approval as required by law.

PART I

GENERAL

ARTICLE 1 — ADMINISTRATION

SECTION 101 — GENERAL

101.1 Title. This code shall be known as the UNIFORM FIRE CODE, may be cited as such, and will be referred to herein as “this code.”

101.2 Scope. This code prescribes regulations consistent with nationally recognized good practice for the safeguarding to a reasonable degree of life and property from the hazards of fire explosion, and dangerous conditions arising from the storage, handling and use of hazardous materials and devices, and from conditions hazardous to life or property in the use or occupancy of buildings or premises and provisions to assist emergency response personnel.

The provisions of this code shall supplement any and all laws relating to firesafety and shall apply to all persons without restriction, unless specifically exempted.

The provisions of this code do not apply to off-site transportation of hazardous materials in accordance with DOT requirements.

101.3 Subjects Not Specifically Regulated by this Code. Where no applicable standards or requirements are set forth in this code, or contained within other laws, codes, regulations, ordinances or bylaws adopted by the jurisdiction, compliance with applicable standards of the National Fire Protection Association or other nationally recognized firesafety standards as are approved shall be deemed as prima facie evidence of compliance with the intent of this code. See also Section 9001.2.

Nothing herein shall derogate from the power of the chief to determine compliance with codes or standards for those activities or installations within the chief’s jurisdiction or responsibility.

101.4 Supplemental Rules and Regulations. The chief is authorized to render interpretations of this code and to make and enforce rules and supplemental regulations in order to carry out the application and intent of its provisions. Such interpretations, rules and regulations shall be in conformance with the intent and purpose of this code and shall be available to the public during normal business hours.

101.5 Liability. The chief and other individuals charged by the chief with the control or extinguishment of any fire, the enforcement of this code or any other official duties, acting in good faith and without malice in the discharge of their duties, shall not thereby be rendered personally liable for any damage that may accrue to persons or property as a result of any act or by reason of any act or omission in the discharge of their duties. Any suit brought against the chief or such individuals because of such act or omission performed in the enforcement of any provision of such codes or other pertinent laws or ordinances implemented through the enforcement of this code or enforced by the code enforcement agency shall be defended by this jurisdiction until final termination of such proceedings, and any judgment resulting therefrom shall be assumed by this jurisdiction.

This code shall not be construed to relieve from or lessen the responsibility of any person owning, operating or controlling any

building or structure for any damages to persons or property caused by defects, nor shall the code enforcement agency or its parent jurisdiction be held as assuming any such liability by reason of the inspections authorized by this code or any permits or certificates issued under this code.

See also Section 103.3.2.1.

101.6 Conflicting Provisions. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.

101.7 Severability. If any provision of this code or the application thereof to any person or circumstance is held invalid, the remainder of the code and the application of such provision to other persons or circumstances shall not be affected thereby.

101.8 References to Appendix. When this code references the appendix, the provisions in the appendix shall not apply unless specifically adopted.

101.9 Amendments. When reference is made to a portion of this code or other applicable laws or ordinances, the reference applies to all amendments and additions now or hereafter made.

SECTION 102 — RETROACTIVE APPLICATION TO EXISTING CONDITIONS

102.1 Existing Conditions. The provisions of this code shall apply to conditions arising after the adoption thereof, conditions not legally in existence at the adoption of this code, and to conditions which, in the opinion of the chief, constitute a distinct hazard to life or property. See also Appendices I-A and I-B.

SECTION 103 — INSPECTION AND ENFORCEMENT

103.1 General.

103.1.1 Technical assistance. To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to the inspection of the department, the chief is authorized to require the owner or the person in possession or control of the building or premises to provide, without charge to the jurisdiction, a technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or firesafety specialty organization acceptable to the chief and the owner and shall analyze the fire-safety properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon, to recommend necessary changes.

The chief is authorized to require design submittals to bear the stamp of a professional engineer.

103.1.2 Alternate materials and methods. The chief is authorized to approve alternate materials or methods provided that the chief finds that the proposed design, use or operation satisfactorily complies with the intent of this code and that the method of work performed or operation is, for the purpose intended, at least equivalent to that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Approvals under the authority herein contained shall be subject to the approval of the