

How Safe Are We?

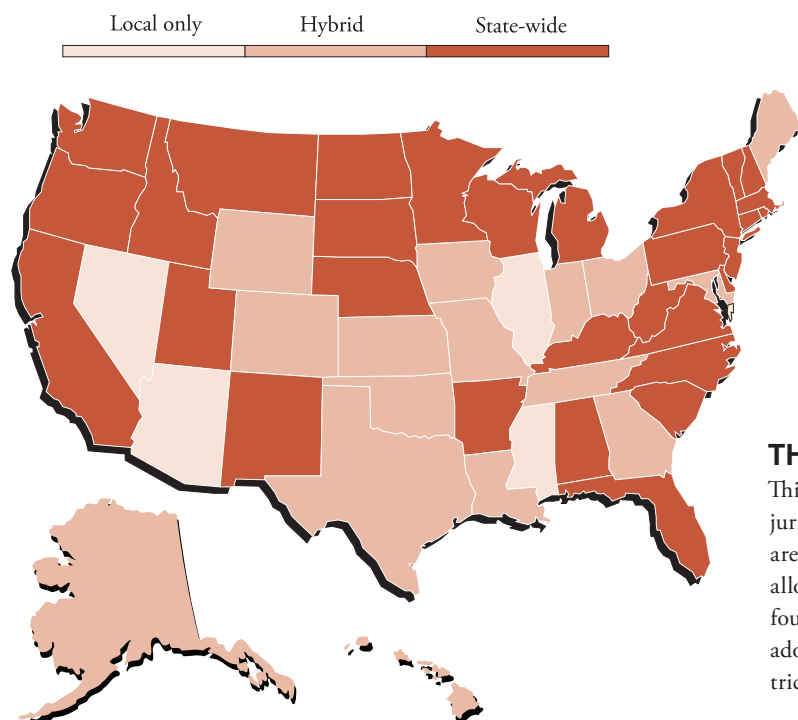
by Laura L. Hildreth

We believe that electrical safety begins with good codes enforced uniformly across the nation. But how uniform are we? America is as diverse in its adoption and enforcement of electrical codes as it is with its geography, political alliances, and people. From the mandatory state-wide enforcement of the California Electrical Code to the home rule state of Mississippi, our states and local jurisdictions all have their own ways of enforcing the *National Electrical Code*.

With directConnect, we used various resources to find the latest *NEC* enforcement in all of the 50 states and one district. We looked at how the state enforced electrical codes, and also examined which electrical code the local jurisdictions enforced in states that allowed local adoption. In this study, we assigned three categories to the states in terms of adoption.

- ▶ **State-wide** — the *NEC* is adopted by the state and is required to be adopted and enforced by all jurisdictions; for example, Minnesota
- ▶ **Hybrid** — the *NEC* is adopted by the state, often for state-owned buildings, but local jurisdictions are allowed to adopt their own codes; for example, Texas
- ▶ **Local** — the state does not adopt any version of the *NEC* and all adoptions and enforcements are left to the local jurisdiction; for example, Nevada

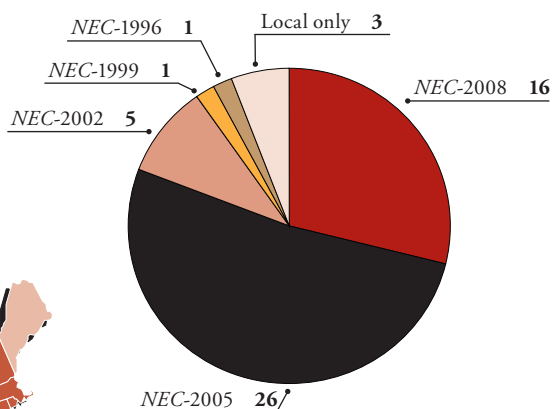
All of the data compiled were current at the time this issue was sent to the printer. For up-to-date and more detailed information about licensing and code adoption, please view the directConnect website at <http://www.iaei.org>.



CODE ADOPTIONS AT A GLANCE

Every state has its own timetable when it comes to adopting the latest version of the *NEC*. Some states, like Massachusetts, adopt the *NEC* at the beginning of the code cycle year, such as January 1, 2008 for the *NEC*-2008. Others adopt the new code throughout that first cycle year, with June 1 being a popular date for the states to begin enforcement. Another trend is for a state to wait until the beginning of the next year of the cycle (2009 for the *NEC*-2008) to begin adoption proceedings. Some states, however, have just adopted the *NEC*-2005, or are preparing to adopt the *NEC*-2005.

- ▶ By October 2008, 30.8% of the states had adopted the *NEC*-2008. 50% were still on the *NEC*-2005. The states enforcing the *NEC*-2002 made up 9.6%; the *NEC*-1999 made up 1.9%; and the *NEC*-1996 made up 1.9%. Three states had no adopted version of the *NEC*, and left adoption *and* enforcement solely to the local jurisdictions.
- ▶ For more details, see the individual state details in the sidebars on the following pages.



THE COLORS OF AMERICA

Thirty-one states (61%) adopt a state-wide code that all jurisdictions must adopt and enforce. Sixteen states (31%) are hybrid in that they adopt a version of the *NEC*, but allow local jurisdictions to adopt their own codes. Only four states (8%) have home rule, in which no state code is adopted, but local jurisdictions may adopt whatever electrical code they choose.

ALABAMA

Code Adoption

Alabama Building Commission

770 Washington Avenue

4th Floor- Suite 444

Montgomery, AL 36130

<http://www.bc.alabama.gov/>

- ▶ **2008 National Electrical Code**, effective February 2, 2008, for state buildings. Some cities and counties provide adoption and enforcement at local level for other buildings. That adoption is not uniform across the state.
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes, voluntary for state journeyman. Some local cities and counties require local journeyman certification.
- ▶ **Contractors?** Yes, voluntary state contractor licensing. Some local cities and counties require master certification or contractor licensing.

ALASKA

Code Adoption

Division of Labor - Standards and Safety

1111 W. 8th St. Room 304

Juneau, Alaska 99801-1802

(907) 465-4855

Fax (907) 465-6012

<http://labor.state.ak.us/lss/home.htm>

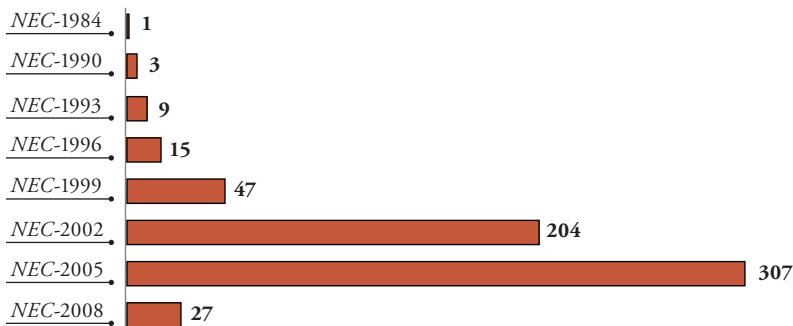
- ▶ **2005 National Electrical Code**, effective January 1, 2006
- ▶ **2008 National Electrical Code.** The 2008 NEC is in the process of being reviewed by the state and is expected to be adopted by the fall of 2008.
- ▶ **Adoption type: Hybrid.** Adopted code is considered the minimum electrical standard in the state, but local jurisdictions can adopt codes that are better than the minimum (for example, 2008 NEC).

From Sea to Shining Sea.

State Breakdowns Per Code Adoption at Local Level

LOCAL CODES ADOPTED NATIONWIDE

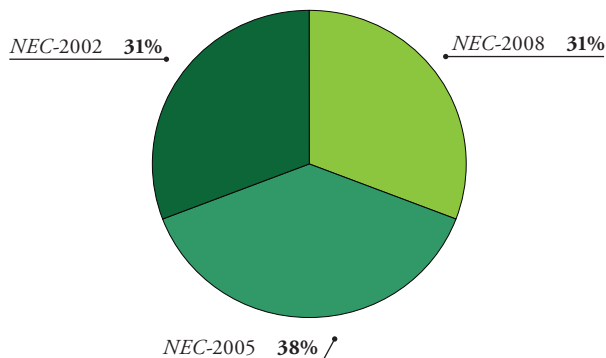
Once the states that allowed local jurisdictions were identified, the adopted and enforced version of the NEC was searched for among the many cities, towns, villages, and so forth. Of the 597 local jurisdictions that we found, 4.61% were on the NEC-2008. The majority (52.4%) were on the NEC-2005, while a large percentage were also on the NEC-2002 at 34.8%. The NEC-1999 was still enforced among 8.02% of the jurisdictions, the NEC-1996 among 2.56%, the NEC-1993 among 1.54%, and the 1990 among 0.51%. One jurisdiction listed the NEC-1984 as its electrical code, but they had adopted the 2006 ICC codes.



EASTERN SECTION

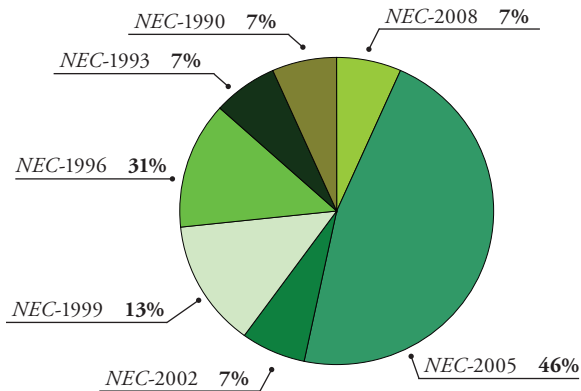
MARYLAND

The state of Maryland is on the NEC-2005. The state code applies to state-owned facilities and to any jurisdictions that have never adopted a statute to govern electrical work; but most local jurisdictions adopt and enforce different codes. Of the thirteen jurisdictions queried, a small majority are using the NEC-2005.



MAINE

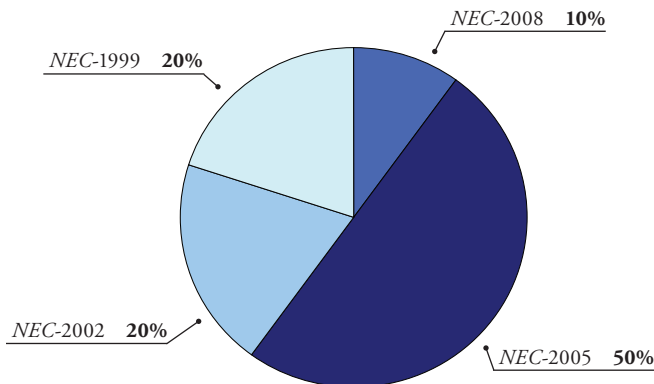
The state of Maine adopted the *NEC-2008*, effective September 1, 2008. Maine has jurisdiction over state buildings and all structures in municipalities where no local electrical inspector has been appointed. Of the fifteen jurisdictions queried, almost half are using the *NEC-2005*.



NORTHEASTERN SECTION

ALASKA

The state of Alaska is currently using the *NEC-2005*, but is in the process of adopting the *NEC-2008*. The adopted code is considered the minimum electrical standard in the state, but local jurisdictions can adopt codes that are better than the minimum (for example, 2008 *NEC*). Of the ten jurisdictions queried, half are using the *NEC-2005*.



Licensing Requirements

- ▶ Electrical Inspectors? No
- ▶ Electricians? Yes
- ▶ Contractors? Yes

ARIZONA

Code Adoption

Arizona Department of Fire, Building and Life Safety
Office of Manufactured Housing
 1100 West Washington, Suite 100
 Phoenix, AZ 85007-2935
 PH: (602) 364-1003
 FAX: (602) 364-1052
<http://www.dbfs.state.az.us/>

- ▶ 2002 *National Electrical Code*
- ▶ **Adoption type: Local.** Each municipality is free to adopt and amend the *NEC*, and it ranges from the 1990 to the 2008 versions. At the state level, the Board of Manufactured Housing has adopted the 2002 *NEC*, but this does not overwrite codes adopted at the local level.

Licensing Requirements

- ▶ Electrical Inspectors? No
- ▶ Electricians? No
- ▶ Contractors? Yes

ARKANSAS

Code Adoption

Arkansas Department of Labor
Arkansas Board of Electrical Examiners
 10421 West Markham
 Little Rock AR 72205-2190
 501-682-4549
 Fax 501-682-1765
<http://www.state.ar.us/labor/>

- ▶ 2008 *National Electrical Code*, effective June 1, 2008
- ▶ **Adoption type: State-wide.** Adopted code is considered the minimum electrical standard in the state, but local jurisdictions can adopt amendments.

Licensing Requirements

- ▶ Electrical Inspectors? No
- ▶ Electricians? Yes
- ▶ Contractors? Yes

CALIFORNIA

Code Adoption

California Building Standards Commission (CBSC)

2525 Natomas Park Drive, Suite 130

Sacramento, CA 95833

Phone: (916) 263-0916

Fax: (916) 263-0959

<http://www.bsc.ca.gov/>

- ▶ 2005 *National Electrical Code*, effective January 1, 2008
- ▶ **Adoption type: State-wide.** All jurisdictions in the state are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes, (ICC, NCPCCI, CEI)
- ▶ **Electricians?** Yes, (State of California, Division of Apprenticeship Standards)
- ▶ **Contractors?** Yes

COLORADO

Code Adoption

Colorado State Electrical Board

1560 Broadway, Suite 1350

Denver, CO 80202

(303) 894-2300

fax: (303) 894-2310

<http://www.dora.state.co.us/Electrical/>

- ▶ 2008 *National Electrical Code*, adopted without amendments, effective August 1, 2008
- ▶ **Adoption type: Hybrid.** The state establishes the minimum standard. Local jurisdictions may make and enforce standards that are more stringent than the minimum established by the state and must furnish a copy thereof to the board.

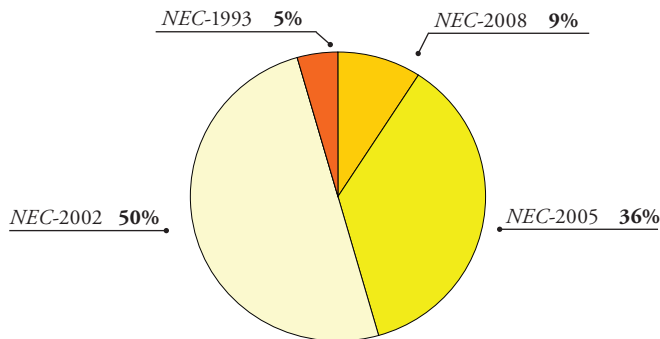
Licensing Requirements

- ▶ **Electrical Inspectors?** No; must be a licensed Journeyman or Master Electrician
- ▶ **Electricians?** Yes (residential wireman, journeyman, master)
- ▶ **Contractors?** Registration

SOUTHERN SECTION

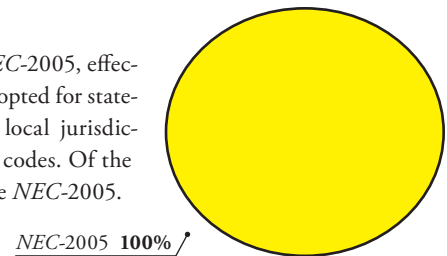
ALABAMA

The state of Alabama adopted the 2008 *NEC*, effective February 2, 2008, for state buildings. Some cities and counties provide adoption and enforcement at local level for other buildings. That adoption is not uniform across the state. Of the twenty-two jurisdictions queried, half are using the *NEC*-2002.



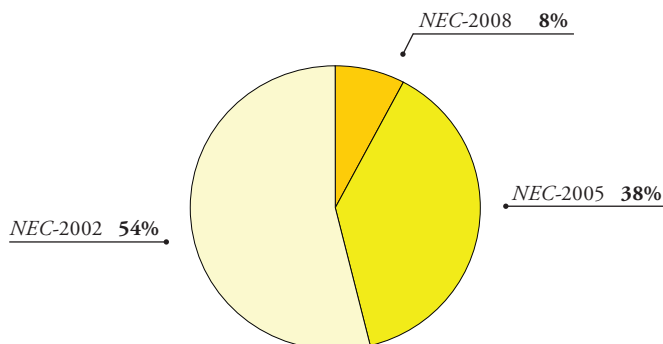
LOUISIANA

The state of Louisiana adopted the *NEC*-2005, effective January 1, 2007. The code was adopted for state-owned buildings and hospitals, but local jurisdictions can adopt and enforce different codes. Of the nine jurisdictions queried, all used the *NEC*-2005.



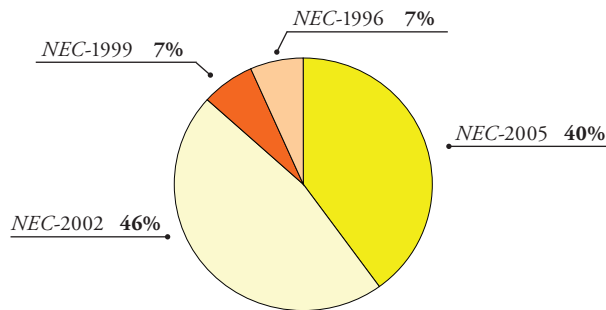
MISSISSIPPI

The state of Mississippi does not adopt the *NEC* on a statewide basis. It is up to the individual units of local government, usually cities but sometimes townships or counties to adopt and enforce building codes. Of the thirteen jurisdictions queried, slightly over half used the *NEC*-2002.



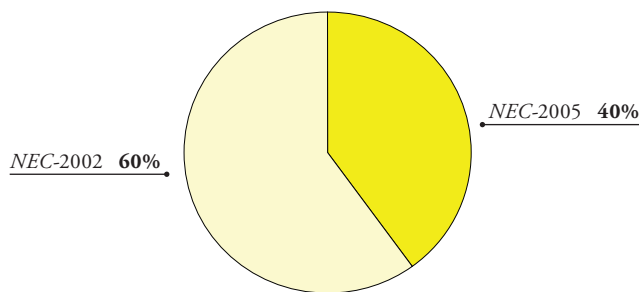
OKLAHOMA

The state of Oklahoma adopted the *NEC-2005*, effective July 1, 2005. The state code is considered the minimum electrical standard in the state, but local jurisdictions can adopt codes that are better than the minimum. However, many towns enforce various editions of the *NEC* and generally do so until a conflict arises. Of the fifteen jurisdictions queried, almost half use the *NEC-2002*, while almost half use the *NEC-2005*.



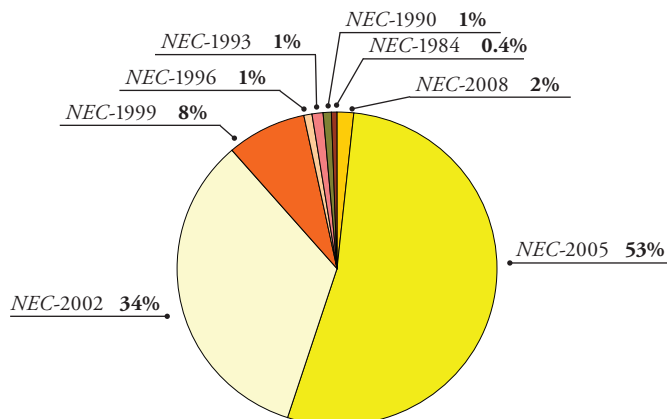
TENNESSEE

The state of Tennessee currently enforces the *NEC-2002*. The code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes. Of the ten jurisdictions queried, more than half use the *NEC-2002*.



TEXAS

The state of Texas adopted the *NEC-2008*, effective September 1, 2008. However, installations covered by this code only include those outside jurisdictional boundaries of towns and cities where such towns and cities may adopt and enforce any edition of the *NEC* they wish and may modify that edition. Of the 235 jurisdictions queried, more than half use the *NEC-2005*.



CONNECTICUT

Code Adoption

**Department of Public Safety
Division of Fire, Emergency and
Building Services**

1111 Country Club Rd.

Middletown, CT 06457

(860) 685-8441

[http://www.ct.gov/dps/cwp/view.](http://www.ct.gov/dps/cwp/view.asp?a=2142&Q=294116&dpsNav=%7C)

[asp?a=2142&Q=294116&dpsNav=%7C](http://www.ct.gov/dps/cwp/view.asp?a=2142&Q=294116&dpsNav=%7C)

- ▶ 2005 *National Electrical Code*, effective December 31, 2005
- ▶ 2008 *National Electrical Code*, possible adoption by December 2008
- ▶ **Adoption type: State-wide.** All jurisdictions in the state are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

DELAWARE

Code Adoption

**Fire Prevention Commission/State
Fire Marshal**

1463 Chestnut Grove Rd.

Dover, De. 19904

Phone: (302)739-3169

FAX: (302)739-4436

<http://statefirecommission.delaware.gov/>

<http://statefiremarshal.delaware.gov/>

- ▶ 2005 *National Electrical Code*, effective August 11, 2006
- ▶ **Adoption type: State-wide.** All jurisdictions in the state are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

DISTRICT OF COLUMBIA

Code Adoption

Dept. of Consumer & Regulatory Affairs

941 North Capitol Street NE

Washington, DC 20002

(202) 442-4400

<http://dcra.dc.gov>

- ▶ 1996 *National Electrical Code*. Note: the 2005 *NEC*, with two local amendments, has been published to the DC Register as proposed legislation, but not yet accepted as the replacement for the 1996. No date is set.
- ▶ **Adoption type: District-wide.** All district and third-party inspectors are required to enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

FLORIDA

Code Adoption

Florida Building Commission

2555 Shumard Oak Boulevard

Tallahassee, Florida 32399-2100

(850)-487-1824

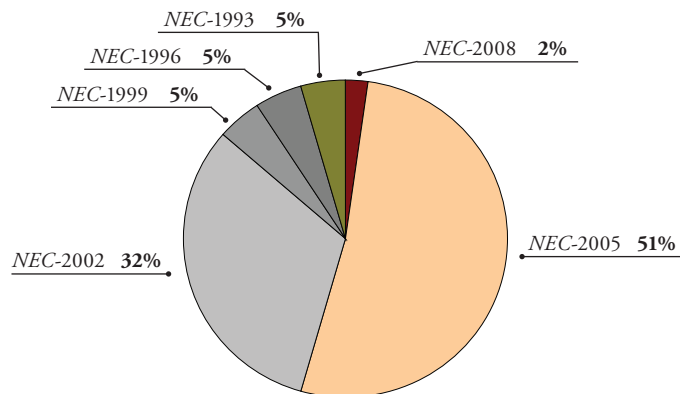
http://www.dca.state.fl.us/FBC/commission/1_commission_meetings.htm

- ▶ 2005 *National Electrical Code*, effective December 8, 2006. The proposed adoption of the 2008 *NEC* is six months following the adoption of the 2007 Florida Building Code on December 1, 2008.
- ▶ **Adoption type: State-wide.** The 2004 Florida Building Code (2005 supplement) references the 2005 *NEC*, which must be enforced uniformly across the state with no local amendments. The only exceptions are a few special districts that have their own code enforcement and licensing rules, such as Broward County Board of Rules and Appeals, Miami/Dade County, and the Reedy Creek Improvement District (Disney). All jurisdictions will have to enforce the 2007 FBC on December 1, 2008.

SOUTHWESTERN SECTION

ARIZONA

Each municipality is free to adopt and amend the *NEC*, and it ranges from the 1990 to the 2008 versions. At the state level, the Board of Manufactured Housing has adopted the 2002 *NEC*, but this does not overwrite codes adopted at the local level. Of the 44 jurisdictions queried, just over half use the *NEC*-2005.



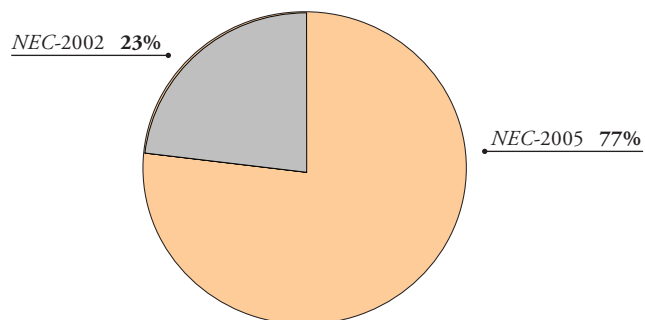
HAWAII

The *NEC*-2002 was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes. The state is working, however, on creating a set of statewide construction codes, which will include the 2008 *NEC*. Of the two jurisdictions queried, both use the *NEC*-2002.

NEC-2002 100%

NEVADA

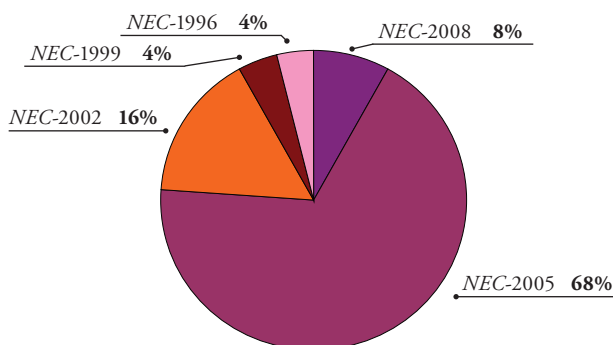
The state of Nevada does not adopt the *NEC* on a statewide basis. It is up to the individual units of local government, usually cities but sometimes townships or counties to adopt and enforce building codes. Of the thirteen jurisdictions queried, the majority used the *NEC*-2005.



WESTERN SECTION

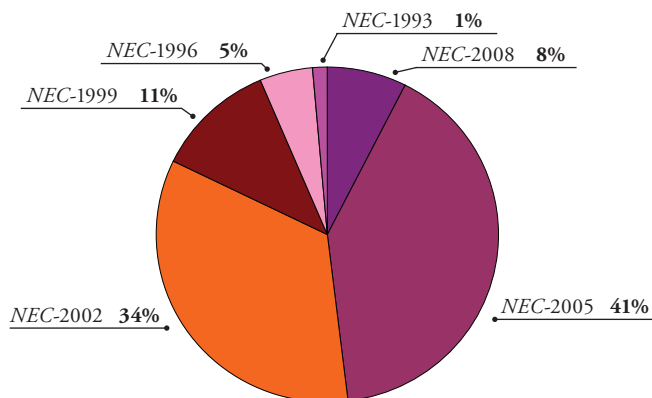
IOWA

The state of Iowa adopted the *NEC*-2005 on August 1, 2006. The code is for state-owned buildings, but local jurisdictions can adopt and enforce different codes. Of the twenty-five jurisdictions queried, over half use the *NEC*-2005.



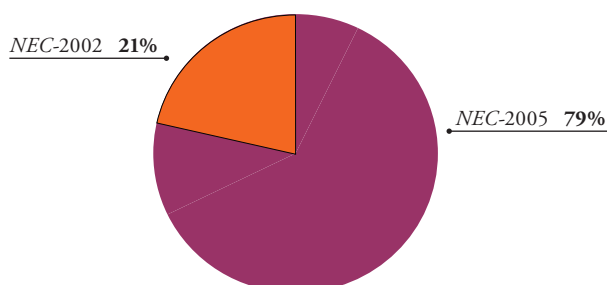
ILLINOIS

The state of Illinois does not adopt the *NEC* on a statewide basis. It is up to the individual units of local government, usually cities but sometimes townships or counties to adopt and enforce building codes. Of the seventy-nine jurisdictions queried, the largest percentages use the *NEC*-2005 and the *NEC*-2002.



INDIANA

The state of Indiana adopted the *NEC*-2005, effective November 21, 2005. Local jurisdictions shall not adopt and enforce their own electrical code unless it has been approved by the Fire Prevention and Building Safety Commission. Of the fourteen jurisdictions queried, the largest percentages use the *NEC*-2005.



Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

GEORGIA

Code Adoption

Department of Community Affairs

60 Executive Park South, NE

Atlanta, GA 30329

<http://www.dca.state.ga.us/development/constructioncodes/programs/codes2.asp>

- ▶ 2005 *National Electrical Code*, effective January 1, 2006
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** Yes

HAWAII

Code Adoption

Hawaii Building Codes Commission

Kalanimoku Building

1151 Punchbowl Street

Honolulu, HI 96813

Ph: 808 586-0400

<http://hawaii.gov/dags>

- ▶ 2002 *National Electrical Code*
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes. The state is working, however, on creating a set of statewide construction codes, which will include the 2008 *NEC*.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

IDAHO

Code Adoption

Division of Building Safety

Electrical Bureau

1090 E. Watertower St.

Meridian, ID 83642

Ph (208) 334-2183

Fax (208) 855-2165

Code & License Info (800) 955-3044

<http://dbs.idaho.gov/electrical/nec.html>

- ▶ *National Electrical Code*, effective July 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

ILLINOIS

Code Adoption

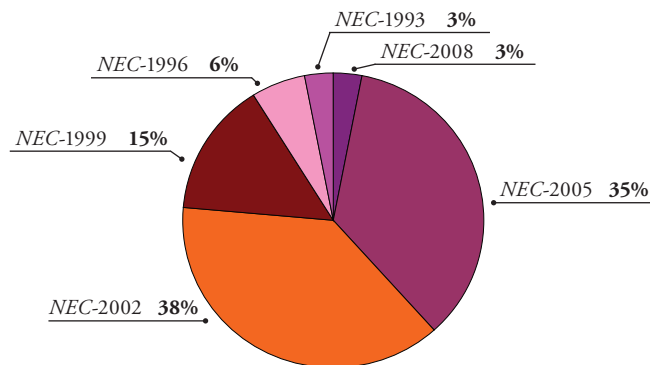
- ▶ **Adoption type: Local.** The state of Illinois does not adopt the *NEC* on a statewide basis. It is up to the individual units of local government, usually cities but sometimes townships or counties to adopt and enforce building codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** No

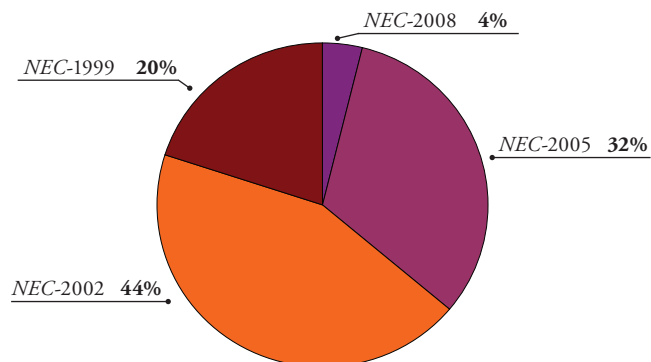
KANSAS

The state of Kansas adopted the *NEC*-2002, effective January 1, 2003. The code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes. Of the thirty-four jurisdictions queried, the largest percentages use the *NEC*-2005 and the *NEC*-2002.



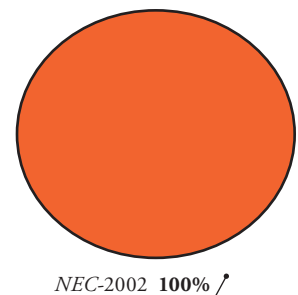
MISSOURI

The state of Missouri adopted the *NEC*-1999, effective September 2001. The code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes. Of the twenty-five jurisdictions queried, the largest percentage uses the *NEC*-2002.



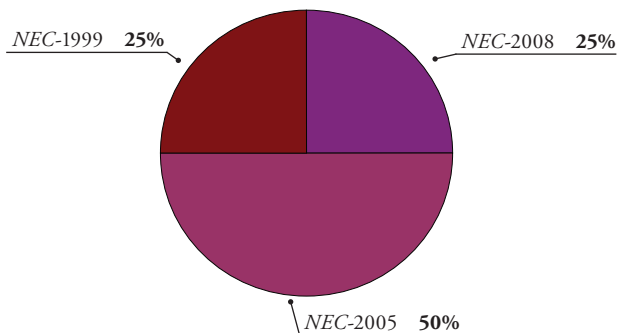
OHIO

Ohio uses the *NEC*-2008, effective January 1, 2008 for all structures excluding one, two, and three-family and agricultural buildings. A projected effective date of January 1, 2009 is set for the *NEC*-2008 for one, two and three-family structures. The code was adopted by the state and is mandatory for all structures excluding one, two, and three-family structures and agricultural buildings. One, two, and three-family codes are not mandated statewide, however jurisdictions that elect to enforce a code, are required to enforce the code adopted by the state. The majority of jurisdictions do adopt the state code; two, however, still enforce the *NEC*-2002.



WYOMING

The state of Wyoming adopted the *NEC-2008*, effective July 1, 2008. The state adopts a standard electrical code, and these are adopted by most jurisdictions, but some local jurisdictions adopt and enforce their own codes. Of the four jurisdictions queried, half use the *NEC-2005*.



INDIANA

Code Adoption

Indiana Department of Homeland Security

Fire & Building Safety Division

Indiana Government Center South

302 West Washington Street

Indianapolis, IN 46204

800-457-8283

<http://www.in.gov/dhs/2375.htm>

- ▶ 2005 *National Electrical Code*, effective November 21, 2005
- ▶ **Adoption type: Hybrid.** Local jurisdictions shall not adopt and enforce their own electrical code unless it has been approved by the Fire Prevention and Building Safety Commission. In areas without an approved local building department, the office of the State Building Commissioner inspects all buildings and structures except those intended for agricultural purposes and one- and two-family dwellings.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** No

IOWA

Code Adoption

State Fire Marshal Division

Building Code Bureau

215 East 7th Street

Des Moines, Iowa 50319

1-866-923-1082

<http://www.dps.state.ia.us/fm/building/index.shtml>

- ▶ 2005 *National Electrical Code*, August 1, 2006
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

KANSAS

Code Adoption

Kansas State Fire Marshal

700 SW Jackson Street, Suite 600

Topeka, KS 66603

Phone: (785) 296-3401

Fax: (785) 296-0151

<http://www.kansas.gov/firemarshal/>

- ▶ 2002 *National Electrical Code*, effective January 1, 2003
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** No

KENTUCKY

Code Adoption

Department of Housing, Buildings, and Construction

1047 US Highway 127 South, Suite 1

Frankfort, KY 40601

502-564-3580

<http://hbc.ppr.ky.gov/>

- ▶ 2008 *National Electrical Code*, effective August 15, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

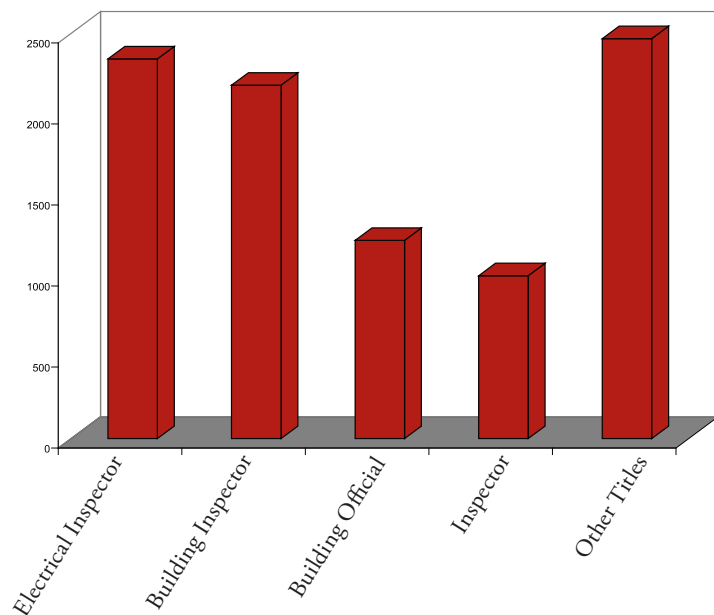
- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

What's in a Name?

Inspectors, Departments, and How They Are Named.

WHAT DO YOU CALL AN ELECTRICAL AHJ?

Job titles for those who perform electrical inspections are as varied as the codes adopted by their jurisdiction. From a *wiring inspector* in Massachusetts, to an *electrical inspector* in Kansas, to a *building inspector* in California, all of these job titles have one thing in common. They perform electrical inspections and focus on keeping their jurisdiction safe. The most common names for those who performed electrical inspections were *electrical inspectors* (25.4%), *building inspectors* (23.7%), *building official* (13.3%), and just a plain old title of *inspectors* (10.9%). Other titles (such as combination inspectors) rounded out the total at 26.8%.

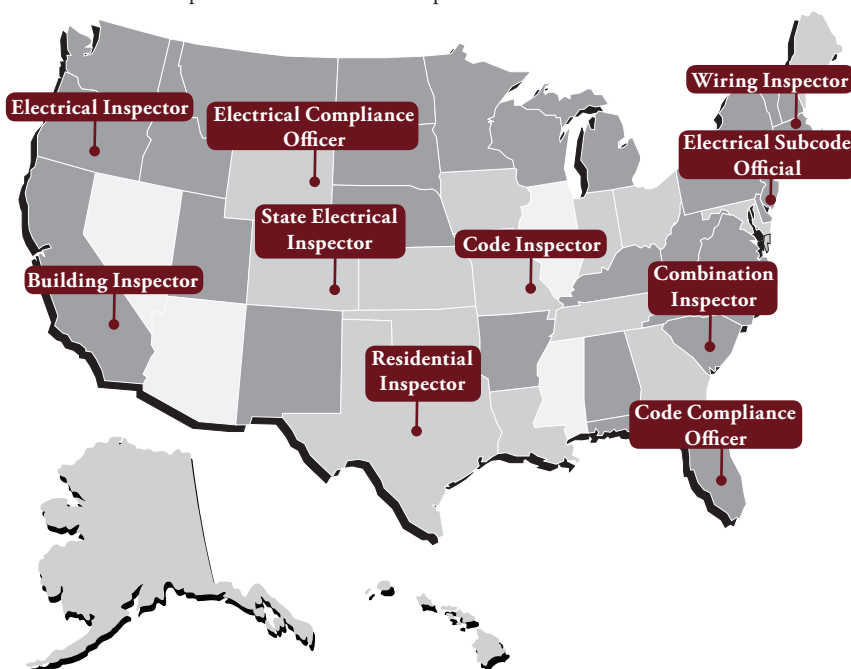


Other common titles for those who do electrical inspections:

Assessor/Inspector	Fire Prevention Inspector
Code Enforcement Officer	Housing Inspector
Code Compliance Officer	HVAC Inspector
Combination Inspector	Plans Examiner
Construction Code Inspector	Plans & Specification Inspector
Electrical Safety Inspector	Residential Inspector
Electrical Subcode Official	Sign Inspector
Electrician	Structural Inspector
Field Inspector	Wiring Inspector
Fire Marshal	Zoning Enforcement Officer

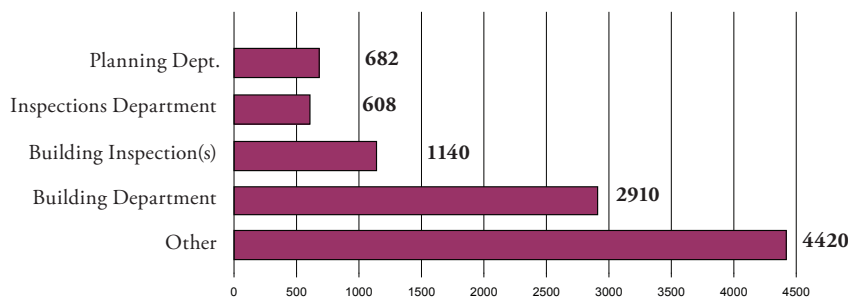
HEY...YOU?

Different jurisdictions and states call AHJs who perform electrical inspections by different names. Here are a few of the different titles from coast to coast. The most common, however, is the trusty old *electrical inspector*. Titles also vary from local jurisdiction to local jurisdiction. A wiring inspector in one jurisdiction may do the same exact job as an electrical inspector or combination inspector in another.



WE'VE GOT A NAME, NOW WHICH DEPARTMENT?

If there is a little synchronism in what we call individuals who perform electrical inspections, there is a lot less when it comes to what department those individuals will work for in their local jurisdictions. A lot of the departments do have the word *building* in them, but they can also run the gamut from *assessing department* to *zoning/area planning department*.



Other common titles for departments that perform electrical inspections:

Assessing/Code Enforcement Office
Codes Enforcement
Community Development
Construction Industries/Construction Office
Development Services
Electrical Department/Services
Engineering

Fire and Rescue
Housing and Building
Neighborhood and Environmental
Programs (DNEP)
Permit and Development Office
Planning and Zoning
Public Works

LOUISIANA

Code Adoption

Office of State Fire Marshal

5150 Florida Boulevard
Baton Rouge, LA 70806
225-925-4911
Fax 225-925-3813
<http://www.dps.louisiana.gov/lsuccc/>

- ▶ 2005 *National Electrical Code* effective January 1, 2007
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings and hospitals, but local jurisdictions can adopt and enforce different codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No; however, local jurisdictions (such as the city of New Orleans) do require certification by ICC
- ▶ **Electricians?** No
- ▶ **Contractors?** Yes

MAINE

Code Adoption

Department of Professional and Financial Regulation

Office of Licensing Requirements & Registration

Electricians' Examining Board

35 State House Station
Augusta, ME 04333-0035
(207) 624-8457
Fax: (207) 624-8637
<http://www.state.me.us/pfr/olr>

- ▶ 2008 *National Electrical Code*, effective September 1, 2008
- ▶ **Adoption type: Hybrid.** Maine has jurisdiction over state buildings and all structures in municipalities where no local electrical inspector has been appointed.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes; electrical inspectors (working with the Electricians' Examining Board) are required to be licensed master electricians.
- ▶ **Electricians?** Yes
- ▶ **Contractors?** No

MARYLAND

Code Adoption

Department of State Police

Office of the State Fire Marshal

1201 Reisterstown Road

Pikesville, MD 21208

Phone: 410-653-8980 / 800-525-3124

FAX: 410-653-8988

<http://www.firemarshal.state.md.us/>

<http://mdcodes.umbc.edu/>

- ▶ 2005 *National Electrical Code*
- ▶ **Adoption type: Hybrid.** Code was adopted by the state and applies to state-owned facilities and to any jurisdictions that have never adopted a statute to govern electrical work. However, most local jurisdictions adopt and enforce different codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes, for the fire marshal's office; no otherwise
- ▶ **Electricians?** Yes, master electrician only
- ▶ **Contractors?** Yes

MASSACHUSETTS

Code Adoption

Massachusetts Department of Fire Services

P.O. Box 1025

1 state Road

Stow, MA 01775

(978) 567-3100

<http://www.mass.gov/>

- ▶ 2008 *National Electrical Code*, effective January 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** No

MICHIGAN

Code Adoption

Bureau of Construction Codes & Fire Safety

P.O. Box 30254

Lansing, MI 48909

(517) 241-9313

Fax (517) 241-9308

<http://www.michigan.gov/dleg/0,1607,7-154-10575---,00.html>

- ▶ 2005 *National Electrical Code*, effective November 23, 2007
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

MINNESOTA

Code Adoption

Department of Labor and Industry

443 Lafayette Road N.

St. Paul, MN 55155-4342

Phone: (651) 284-5064

Fax: (651) 284-5743

<http://www.electricity.state.mn.us/>

- ▶ 2008 *National Electrical Code*, effective September 15, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No; must be licensed as journeyman or master electrician
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

MISSISSIPPI

Code Adoption

- ▶ **Adoption type: Local.** The state of Mississippi does not adopt the *NEC* on a statewide basis. It is up to the individual units of local government, usually cities but sometimes townships or counties, to adopt and enforce building codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** Yes

MISSOURI

Code Adoption

Department of Public Safety

Division of Fire Safety

P.O. Box 844

Jefferson City, MO 65102

(573) 751-2930

<http://www.dfs.dps.mo.gov/>

- ▶ 1999 *National Electrical Code*, effective September 2001
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** No

MONTANA

Code Adoption

Montana State Electrical Board

P.O. Box 200513

Helena, MT 59620-0513

(406) 841-2328

Fax: (406) 841-2305

http://mt.gov/dli/bsd/license/bsd_boards/ele_board/board_page.asp

- ▶ 2005 *National Electrical Code*, effective February 24, 2006
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the state code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

NEBRASKA

Code Adoption

State Electrical Division

800 South Thirteenth Street, Suite 109

Lincoln, NE 68509-5066

(402) 471-3550

(402) 471-4297 FAX

<http://www.electrical.state.ne.us/>

- ▶ 2005 *National Electrical Code*, effective April 25, 2005
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No; inspectors are required to be licensed minimally as a journeyman and must be nationally certified
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

NEVADA

Code Adoption

- ▶ **Adoption type: Local.** The state of Nevada does not adopt the *NEC* on a statewide basis. It is up to the individual units of local government, usually cities but sometimes townships or counties, to adopt and enforce building codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** Yes

NEW HAMPSHIRE

Code Adoption

Department of Safety

Division of Fire Safety

Bureau of Electrical Safety & Licensing Requirements

33 Hazen Drive

Concord, NH 03305

(603) 271-3748

<http://www.nh.gov/safety/divisions/firesafety/index.html>

- ▶ 2008 *National Electrical Code*, effective July 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** No

NEW JERSEY

Code Adoption

Bureau of Code Services

N.J. Department of Community Affairs

PO Box 816

Trenton, N.J. 08625-0816

Phone: (609) 984-7834

TDD: (609) 633-6804

<http://www.state.nj.us/dca/codes/>

- ▶ 2005 *National Electrical Code*, with amendments, effective May 1, 2006
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

NEW MEXICO

Code Adoption

New Mexico Regulation & Licensing Requirements Department Electrical Bureau

2550 Cerrillos Road
Santa Fe, NM 87505
(505) 222-9804
(505) 476-4685 (fax)

<http://www.rld.state.nm.us/cid/ElectricalBureau/EBureauNews.html>

- ▶ 2008 *National Electrical Code*, effective July 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes, journeyman only
- ▶ **Contractors?** Yes

NEW YORK

Code Adoption

New York State Department of State Division of Code Enforcement and Administration

41 State Street
Albany, NY 12231
Telephone: (518) 474-4073
Fax: (518) 486-4487

<http://www.dos.state.ny.us/CODE/ls-codes.html>

- ▶ 2002 *National Electrical Code* [Residential], effective January 1, 2008. Although it references the 2002 *NEC*, it does not prohibit use of the 2005 *NEC*, which can be used if the regulated party chooses.
- ▶ 2005 *National Electrical Code* [Commercial], effective January 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions, with the exception of New York City, are required to adopt and enforce the code. New York City has its own code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** No

NORTH CAROLINA

Code Adoption

North Carolina Building Code Council

322 Chapanoke Road, Suite 200
Raleigh, NC 27603
919-661-5880

Fax: 919-662-4414

<http://www.ncbuildingcodes.com/>

- ▶ 2008 *National Electrical Code*, effective June 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

NORTH DAKOTA

Code Adoption

North Dakota State Electrical Board

1929 North Washington Street Suite A-1
P.O. Box 7335
Bismarck, ND 58507
(Phone) 701.328.9522
(FAX) 701.328.9524
<http://www.ndseb.com/>

- ▶ 2008 *National Electrical Code*, effective April 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes; requires master or journeyman license
- ▶ **Electricians?** Yes; master, journeyman, Class B
- ▶ **Contractors?** Yes, with North Dakota Secretary of State

OHIO

Code Adoption

Board of Building Standards

6606 Tussing Road
P.O. Box 4009
Reynoldsburg, Ohio 43068-9009
Phone: (614) 644-2613
Fax: (614) 644-3147
Faxback: (614) 728-1244
<http://www.com.state.oh.us/dic/dicbbs.htm>

- ▶ 2008 *National Electrical Code*, effective January 1, 2008, for all structures excluding one-, two-, and three-family residences and agricultural buildings.
- ▶ 2005 *National Electrical Code*, with a **projected** effective date of January 1, 2009, for the 2008 *NEC* for one-, two- and three-family structures. (see article in this issue by Tim McClintock for adoption details)
- ▶ **Adoption type: Hybrid.** Code was adopted by the state and is mandatory for all structures excluding one-, two-, and three-

family structures and agricultural buildings. One-, two-, and three-family codes are not mandated statewide; however, jurisdictions that elect to enforce a code are required to enforce the code adopted by the state.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

OKLAHOMA

Code Adoption

Construction Industries Board

2401 NW 23rd Street, Suite 5
Oklahoma City, OK 73107
(405) 271-5217
(405) 271-5254 FAX
1-877-484-4424 Toll Free
<http://www.cib.state.ok.us/>

- ▶ 2005 *National Electrical Code*, effective July 1, 2005.
- ▶ **Adoption type: Hybrid.** Adopted code is considered the minimum electrical standard in the state, but local jurisdictions can adopt codes that are better than the minimum (for example, 2008 *NEC*). However, many towns enforce various editions of the *NEC* and generally do so until a conflict arises.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

OREGON

Code Adoption

Department of Consumer & Business Services (BCD)

Building Codes Division

1535 Edgewater NW
Salem, OR 97310
(503) 373-1268
www.cbs.state.or.us

- ▶ 2008 *National Electrical Code*, effective April 1, 2008
- ▶ **Adoption type: State-wide.** Local jurisdictions must adhere to the state regulations and cannot impose requirements that are either more stringent or less stringent than those of the state.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

PENNSYLVANIA

Code Adoption

Buildings Section

Bureau of Occupational and Industrial Safety

Department of Labor and Industry

1600 Labor and Industry Building
Harrisburg, Pennsylvania 17120
<http://www.dli.state.pa.us/landi/cwp/browse.asp?A=124>

- ▶ 2005 *National Electrical Code*, effective January 1, 2007
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the state code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** No
- ▶ **Contractors?** No

RHODE ISLAND

Code Adoption

Department of Administration

Building Code Standards Committee

One Capitol Hill, Providence, RI 02908
(401) 222-3033
<http://www.sec.state.ri.us/library/bookmarks/buildingcodes>

- ▶ 2005 *National Electrical Code*, effective August 1, 2007
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

SOUTH CAROLINA

Code Adoption

Department of Labor, Licensing Requirements, and Regulation

South Carolina Building Codes Council

PO Box 11329
Columbia, S.C. 29211-1329
(803) 896-4688
<http://www.llr.state.sc.us/POL/BCC/>

- ▶ 2005 *National Electrical Code*, effective July 1, 2007
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes

- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

SOUTH DAKOTA

Code Adoption

State Electrical Commission

308 S. Pierre St.
%1320 E. Sioux
Pierre, SD 57501
(800) 233-7765 or (605) 773-3573
http://www.state.sd.us/dol/boards/electrical/ELEC_HOM.htm

- ▶ 2008 *National Electrical Code*, effective July 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

TENNESSEE

Code Adoption

Department of Commerce & Insurance Electrical Inspection Section Information

State Fire Marshal
500 James Robertson Parkway
Nashville, TN 37243
(615) 741-7170
<http://www.state.tn.us/commerce/sfm/>

- ▶ 2002 *National Electrical Code*
- ▶ **Adoption type: Hybrid.** Code was adopted by the state for state-owned buildings, but local jurisdictions can adopt and enforce different codes. The state requirement is a minimum rule that people must follow.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

TEXAS

Code Adoption

Texas Department of Licensing Requirements and Regulation

P.O. Box 12157
Austin, Texas 78711
Telephone: (512) 463-6599
Toll-Free (in Texas): 800-803-9202
<http://www.license.state.tx.us/>

- ▶ 2008 *National Electrical Code*, effective September 1, 2008.
- ▶ **Adoption type: Hybrid.** The state code is the “minimum standard” for all electrical installations in Texas covered by the act. However, installations in Texas covered by this act include only those outside jurisdictional boundaries of towns and cities where such towns and cities may adopt and enforce any edition of the *NEC* they wish and may modify that edition. It should be noted that counties do not have the right to home-rule in Texas and thus are mandated to comply with minimum state code.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

UTAH

Code Adoption

Division of Occupational and Professional Licensing Requirements, Uniform Building Code Commission

P.O. Box 146741
Salt Lake City, Utah 84114-6741
Phone: (801) 530-6628
Toll-Free in Utah: (866) 275-3675
<http://www.dopl.utah.gov/programs/ubc/index.html>

- ▶ 2005 *National Electrical Code*, effective January 1, 2006
- ▶ 2008 *National Electrical Code*, effective January 1, 2009
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code, without amendments.

Licensing Requirements

- ▶ **Electrical Inspectors?** No
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

VERMONT

Code Adoption

Electrician's Licensing Requirements Board

1311 U.S. Route 302 - Berlin, Suite 600
Barre, VT 05641-2351
Telephone: 802.479.7561
<http://www.dps.state.vt.us/fire/licensing/Electrical.htm>

- ▶ 2005 *National Electrical Code*, effective November 1, 2005
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code, without amendments.

Licensing Requirements

- ▶ **Electrical Inspectors?** No

- ▶ **Electricians?** Yes
- ▶ **Contractors?** No

VIRGINIA

Code Adoption

Virginia Department of Housing and Community Development
 501 N. Second St.
 Richmond, VA 23219
 (804) 371-7000
<http://www.dhcd.virginia.gov/StateBuildingCodesandRegulations/default.htm>

- ▶ 2005 *National Electrical Code*, effective May 1, 2008
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes, Journeyman
- ▶ **Contractors?** Yes

WASHINGTON

Code Adoption

Department of Labor and Industries
 Electrical Division
 P.O. Box 44460
 Olympia, WA 98504
<http://www.lni.wa.gov/tradeslicensing/electrical>

- ▶ 2005 *National Electrical Code*, effective May 1, 2006
- ▶ 2008 *National Electrical Code*. The *NEC*-2008 will be adopted Dec. 31, 2008, with state amendments
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the code.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

WEST VIRGINIA

Code Adoption

West Virginia State Fire Marshal
 1207 Quarrier St., (2nd Flr.)
 Charleston, WV 25301
 304-558-2191
<http://www.firemarshal.wv.gov/>

- ▶ 2005 *National Electrical Code*, effective May 15, 2006
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the state minimum.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

WISCONSIN

Code Adoption

Wisconsin Department of Commerce
 201 West Washington Avenue
 Madison, Wisconsin 53703
 Phone 608-266-5649
<http://www.commerce.state.wi.us/SB/>

- ▶ 2005 *National Electrical Code*, effective September 1, 2005. The *NEC*-2008 is proposed to be adopted October 1, 2008.
- ▶ **Adoption type: State-wide.** All local jurisdictions are required to adopt and enforce the state minimum.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Voluntary with mandatory licensing effective 1 April, 2013
- ▶ **Contractors?** Voluntary with mandatory licensing effective 1 April, 2013

WYOMING

Code Adoption

Wyoming State Fire Marshal
Department of Fire Prevention and Electrical Safety
 Herschler 1 West
 Cheyenne, WY 82002
 Phone: 307-777-7288
 Fax: 307-777-7119
<http://wyofire.state.wy.us/>

- ▶ 2008 *National Electrical Code*, effective July 1, 2008
- ▶ **Adoption type: Hybrid.** The state adopts a standard electrical code, and these are adopted by most jurisdictions, but some local jurisdictions adopt and enforce their own codes.

Licensing Requirements

- ▶ **Electrical Inspectors?** Yes
- ▶ **Electricians?** Yes
- ▶ **Contractors?** Yes

ALBERTA

Code Adoption

Municipal Affairs, Safety Services

16th floor, Commerce Place

10155-102 Street

Edmonton, AB T5J 4L4

Phone: 1-866-421-6929

(local callers must dial the 1-866)

780-644-1010 (outside of Canada)

<http://www.municipalaffairs.alberta.ca/>

http://www.municipalaffairs.alberta.ca/cp_electrical.cfm

- ▶ The province of Alberta adopts the Alberta Building Code (ABC), the Alberta Fire Code (AFC) and the National Plumbing Code as their standard. The ABC and AFC are both amended documents of the National Building Code and National Fire Code respectively. Alberta is currently using the 2006 20th edition of the CE Code.

BRITISH COLUMBIA

Code Adoption

British Columbia Safety Authority

Suite 400

88 6th Street

New Westminster, BC

V3L 5B3

Phone: (604) 660-6286

Fax: (604) 660-6215

Toll Free 1-866-566-SAFE (7233)

<http://www.safetyauthority.ca/>

- ▶ The Electrical Safety Program of the Safety Authority is responsible for regulating electrical safety in the province, including all types of electrical equipment and installations. This includes inspecting commercial, industrial and residential sites.
- ▶ The B.C. Electrical Code regulates all electrical work and inspection. The Canadian Electrical Code, Part I, 20th edition, Safety Standard for Electrical Installations, Canadian Standards Association Standard C22.1-06 is adopted in whole, including any errata and as if it were amended as set out in the Schedule to this regulation, as the B.C. Electrical Code Regulation 2006.

Our Neighbor to the North.

What Are the Electrical Code and Licensing Requirements in Canada?

CANADIAN ELECTRICAL CODE ADOPTION

The Canadian Electrical Code, CE Code, or CSA C22.1 code is a standard published by the Canadian Standards Association to establish safety standards for the installation and maintenance of electrical equipment in Canada. In Canada, most of the jurisdictions that adopt the CE Code are provincial or territorial, with the exception of the cities of Vancouver and Winnipeg. The 2006 CE Code, Part I, has been adopted in all Canadian provinces, territories, and cities, with the exception of the province of Ontario, which is currently on the 2002 version. The 2009 twenty-first edition will be available early in 2009.

The **federal government** of Canada adopts the latest CE Code, but it is applied only to federal facilities (e.g., post offices, military, etc.). Similar to the United States, each province and territory is responsible for electrical safety within its boundaries. Although they all adopt the CE Code, there may be local amendments to recognize geographic conditions or local practices.

Description of the CE Code

The CE Code serves as the basic code for electrical safety, shock, and fire hazards across Canada. Generally, legislators adopt the code by reference, usually with a schedule of changes that amends the code for local conditions. These amendments may be administrative in nature or may have technical content particular to the province or territory [for example, Yukon may make regulations that are different from Southern Ontario]. Revisions to the CE Code are scheduled on a three-year cycle.

What do you call AHJs?

As in the United States, most individuals who perform electrical inspections within the country of Canada are simply called *electrical inspectors*. All provincial/territorial jurisdictions including some municipalities have a chief electrical inspector or electrical administrator that is normally appointed to administer the Provincial/Territorial/Municipal Acts and Regulations. The chief electrical inspectors or chief electrical administrators are all members of the CE Code Part I Technical Committee.

MANITOBA

Code Adoption

Office of the Fire Commissioner (NBC and NFC)

508-401 York Avenue
Winnipeg, Manitoba R3C 0P8
Telephone: (204) 945-3322
Fax: (204) 948-2089
Toll Free: 1-800-282-8069
<http://www.firecomm.gov.mb.ca/home.html>

Manitoba Hydro

820 Taylor Avenue
Winnipeg, Manitoba
Canada R3M 3T1
(204) 474-3311
1-888-624-9376 (1-888-MBHYDRO)
<http://www.hydro.mb.ca/>

- ▶ The Manitoba Electrical Code regulates all electrical work and inspection in the province of Manitoba. The Canadian Electrical Code, Part I, 20th edition, Safety Standard for Electrical Installations, Canadian Standards Association Standard C22.1-06 is adopted, with minor local amendments by provincial regulation, as the Manitoba Electrical Code.

The City of Winnipeg

Development and Inspections Division

4th Floor, 65 Garry Street
Winnipeg, Manitoba
Phone: (204)986-5190
Fax: (204)942-2008
website: http://www.winnipeg.ca/ppd/electrical_info.stm

- ▶ Development and Inspections ensures that electrical installations in the city of Winnipeg are done per the Canadian Electrical Code and amendments. Installations are to be performed by properly qualified people under an electrical permit and inspected by our commercial electrical and housing inspectors.
- ▶ The twentieth (2006) edition of the Canadian Electrical Code (CEC) Part 1 (C22.1-06) with local amendments is currently adopted as Electrical Regulations in the city of Winnipeg.

NEW BRUNSWICK

Code Adoption

Technical Inspection Services

Department of Public Safety

495A Prospect Street
P. O. Box 6000
Fredericton, New Brunswick E3B 5H1
Telephone: (506) 453-2336

Fax: (506) 457-7394

<http://www.gnb.ca/0276/safety/index-e.asp>

http://www.gnb.ca/0276/safety/english/elect_e.asp

- ▶ The province of New Brunswick has adopted the 2006 Canadian Electrical Code, with six provincial amendments, as the minimum safety standard for electrical installations. Technical Inspection Services provides electrical inspections, electrical design review, issues electrical wiring permits and licenses electricians and electrical contractors in the province of New Brunswick (NB).
- ▶ All electrical installations are required by law to be performed by NB licenced electricians working for a NB licenced electrical contractor. Electrical installations must be performed under a valid electrical wiring permit issued by the province. Only NB licenced electrical contractors may obtain an electrical wiring permit. Electrician's licences and electrical contractor's licences are valid for a period of one year and must be renewed annually.
- ▶ All electrical equipment and electrical products shall be certified or approved by a certification organization recognized by the chief electrical inspector.

NEWFOUNDLAND AND LABRADOR

Code Adoption

Department of Government Services

Program and Support Services Division

Chief Electrical Inspector
Confederation Building
St. John's, NL, Canada A1B 4J6
Phone: 709 - 729 - 3517
Fax: 709 - 729 - 5710
<http://www.gs.gov.nl.ca/>

- ▶ The province of Newfoundland and Labrador uses the 2006 20th edition of the CE Code.

NORTHWEST TERRITORIES

Code Adoption

Public Works and Services

Government of the Northwest Territories

Arthur Laing Bldg., 5003 - 49th Street
Box 1320,
Yellowknife NT, X1A2L9
Phone: 867-873-7461
Fax: 867-873-0117
Web site: <http://www.pws.gov.nt.ca/>

- ▶ The Northwest Territories use the 2006 20th edition of the CE Code.

NOVA SCOTIA

Code Adoption

Nova Scotia Labour and Workforce Development

PO Box 697

5151 Terminal Road

Halifax, NS B3J 2T8

Phone: (902) 424-5721

Fax: (902) 424-3239

<http://www.gov.ns.ca/lwd/electricalsafety/>

- ▶ Labour and Workforce Development ensures that electrical installations in the province are done per the Canadian Electrical Code. Installations are to be performed by properly qualified people under a wiring permit and inspected by the local electrical inspection department. The department also monitors the sale of electrical items in Nova Scotia to ensure they are properly certified as approved equipment.
- ▶ Effective May 1, 2006 the twentieth (2006) edition of the Canadian Electrical Code (CEC) Part 1 (C22.1-06) will come into effect for all of Nova Scotia as authorized by the Electrical Installation and Inspection Act and the associated Electrical Code Regulations.

NUNAVUT

Code Adoption

Safety Services

Community & Government Services

P.O. Box 1000 - Station 610

Iqaluit, NU X0A 0H0

Fax: (867) 975-5453

Phone: (867) 975-5423

<http://cgs.gov.nu.ca/index.html>

- ▶ Technical Standards & Safety Act. This section provides information regarding permits for and inspections of all electrical installations and the registration of skilled electrical workers in the territory of Nunavut. All installations must follow the rules and standards of the Canadian Electrical Code and the Nunavut Electrical Protection Act. This act uses the current version (2006) of the Canadian Electrical Code (CE Code).
- ▶ Electrical workers, electronic technicians, and elevator constructors must be registered every three years. All qualified electrical workers, electronic technicians, and elevator constructors must be registered in order to be issued permits for work done under the Electrical Protection Act.

ONTARIO

Code Adoption

Electrical Safety Authority (ESA)

PO Box 24143

Pinebush Postal Outlet

Cambridge, Ontario N1R 8E6

(ESA) at 1-877-372-7233 or 1-877-ESA-SAFE

<http://www.esasafe.com/>

- ▶ The Electrical Safety Authority (ESA) is the authority having jurisdiction throughout Ontario, performs electrical inspections, and is also responsible for managing licensing requirements for licensing electrical contractors. Responsibility for interpretation of Electrical Safety Code regulations remains solely with ESA.
- ▶ Ontario is presently using an amended 2002 19th edition. When the 2009 CE Code is ready Ontario will go from the 2002 to the 2009 Code.

PRINCE EDWARD ISLAND

Code Adoption

Department of Community and Cultural Affairs

Planning and Inspection Services

Fourth Floor, Shaw Building

95 Rochford Street

P.O. Box 2000

Charlottetown, PEI

C1A 7N8

Telephone: (902) 368-5250

<http://www.gov.pe.ca/commcul/>

- ▶ Prince Edward Island directly adopts the National Building Code as their standard, and is currently using the 2006 20th edition of the CE Code.

QUÉBEC

Code Adoption

Régie du bâtiment du Québec

545, boul. Crémazie Est

4e étage

Montréal (Québec)

H2M 2V2

Montreal: 514 873-0976;

other regions: 1 800 361-0761

<http://www.rbq.gouv.qc.ca/>

<http://www.rbq.gouv.qc.ca/dirEnglish/index.asp>

- ▶ The province of Québec's electrical regulations are enforced by chapter 5 of the the Québec Construction Code, (Québec Electrical Code). The provincial branch that enforces this code is the Régie du bâtiment du Québec (RBQ). The mission of the Régie du bâtiment du Québec is "to ensure proper quality of construction work and the safety of the public who have access to a building or facilities intended for use by the public or who use installations independent of a building."

- ▶ The latest edition of the Québec Electrical Code came into effect on November 5, 2007. This code uses the 2006 20th edition of the CE Code.

SASKATCHEWAN

Code Adoption

SaskPower

Gas & Electrical Inspection Division

2230-6th Avenue

Regina, SK S4P 0S1

Telephone: 1-877-225-2224

Fax: (306) 566-2906

<http://www.saskpower.com>

- ▶ Electrical Inspections is responsible for administering and enforcing The Electric Inspection Act 1993 and its corresponding regulations. The Act is designed to ensure electrical installations meet minimum safety code requirements and that all components installed are certified to a Canadian standard by a prescribed testing laboratory.
- ▶ Saskatchewan enforces the 2006 20th edition of the CE Code.

SaskPower

2025 Victoria Avenue

Regina, Saskatchewan

S4P 0S1 Canada

1-877-225-2224

<http://www.saskpower.com/>

- ▶ SaskPower is responsible for electrical inspections and CE Code adoption for the Province of Saskatchewan.

YUKON

Code Adoption

Department of Community Services

Building Safety

2071 Second Avenue, Whitehorse

Box 2703, Whitehorse, Yukon Y1A 2C6 (C-8)

Telephone: (867) 667-5741 or 1-800-661-0408 local 5741 (toll free within the Yukon)

Fax: (867) 393-6249

<http://www.community.gov.yk.ca/buildingsafety/index.html>

- ▶ The Yukon enforces the 2006 20th edition of the CE Code.

Beyond Our 52... U.S. Territories

AMERICAN SAMOA

Code Adoption

Territorial Energy Office

Office of the Governor

Pago Pago, AS 96799

Phone: 011-684-699-1101

- ▶ Guam and American Samoa Energy Code

GUAM

Code Adoption

Guam Power Authority

Harmon Business Office (Route 16)

PO Box 2977

Hagatna, Guam 96932

Monday - Friday 7:00 a.m. - 6:00 p.m.

Telephone: (671) 647-5787 / 8 / 9

- ▶ All buildings must follow the Uniform Building Code, *National Electrical Code* and Uniform Plumbing Code, which are the acceptable standards used on the U.S. mainland. Uses the Guam Energy Code

PUERTO RICO

Code Adoption

Secretaria Auxiliar de Juntas Examinadora

Department of State

P.O. Box 9023271

San Juan, PR 00902-3271

(787) 722-2122 x 232 (Board)

- ▶ The current edition of the *NEC* adopted in Puerto Rico is the 2005 edition.

U.S. VIRGIN ISLANDS

Code Adoption

Virgin Islands Energy Office

Department of Planning and Natural Resources

#45 Mars Hill

Frederiksted, St. Croix, USVI 00840

Phone: (340) 773-1082

Web Site: <http://www.vienergy.org/>

- ▶ The current edition of the *NEC* adopted is the 2002 edition.