

Submitted by: Chairman of the Assembly
at the request of the Mayor
Prepared by: Department of Public Works
For reading: April 6, 1999

See AO 99-61(5)

ANCHORAGE, ALASKA
AO NO. 99-61

AN ORDINANCE REPEALING AND REENACTING CHAPTER 23.30 OF THE ANCHORAGE MUNICIPAL CODE, ADOPTING THE 1999 EDITION OF THE NATIONAL ELECTRICAL CODE AND ENACTING LOCAL AMENDMENTS THERETO.

THE ANCHORAGE ASSEMBLY ORDAINS:

That Chapter 23.30 of the Anchorage Municipal Code is hereby repealed and re-enacted to read as follows:

CHAPTER 23.30
LOCAL AMENDMENTS TO THE NATIONAL ELECTRICAL CODE
1999 EDITION

SECTIONS:

23.30.010	Local Amendments to the National Electrical Code 1999 Edition
23.30.020	Certificate of Fitness - Right to Inspection Code, 1999 Edition
23.30.210-8(a)	Dwelling Units
23.30.210-8(b)	Other Than Dwelling Units
23.30.210-23(e)	Outlets Per Circuit
23.30.210-52(i)	Parking Spaces
23.30.230-1	Scope
23.30.240-24(f)	Areas Not Permitted for Overcurrent Devices
23.30.250-50	Metal Underground Water Pipes
23.30.250-50(a)(2)	Metal Underground Water Pipes
23.30.250-118	Types of Equipment Grounding Conductors
23.30.300-4(g)&(h)	Protection Against Physical Damage
23.30.300-5(d)	Protection from Damage - Buried Cables
23.30.310-13	Conductor Construction and Applications
23.30.331-4	Uses Not Permitted
23.30.334-12	Insulating Bushing
23.30.336-4	Uses Permitted
23.30.336-5(a)(10)	Uses Not Permitted
23.30.336-30(b)	Conductors
23.30.410-8	Fixtures in Clothes Closets
23.30.680-40	Outdoor Installations

23.30.010 LOCAL AMENDMENTS TO THE NATIONAL ELECTRICAL CODE 1999 EDITION

The amendments to the 1999 edition of the National Electrical Code are listed here by Section. The last digits of the number after the title and chapter digits are the article and section of the National Electrical Code to which the amendment refers, i.e., 23.30.210-8(a) refers to section 210-8(a) of the National Electrical Code, 1999 Edition.

23.30.020 CERTIFICATE OF FITNESS - RIGHT TO INSPECTION

Municipal electrical inspectors may contact any electrical workman performing work for which a certificate of fitness is required (under AS 18.60.580) and request that person to exhibit his/her certificate of fitness. The inspector may immediately serve upon that person a notice to cease any further work in that occupation until he/she has displayed said State of Alaska certificate of fitness.

23.30.210-8(a) DWELLING UNITS

Delete from 210-8(a)(7), the words "wet bar" from the entire paragraph.

23.30.210-8(b) OTHER THAN DWELLING UNITS

Add paragraphs 210-8(b)(3) and 210-8(b)(4) as follows:

(3) Outdoors where accessible from ground level.

(4) Sinks. Where the receptacles are installed to serve countertop surfaces and are located within 6 feet of the outside edge of the sink, receptacle outlets shall not be installed in a face-up position in the work surfaces or countertop.

23.30.210-23(e) OUTLETS PER CIRCUIT

Add a subsection (e) to section 210-23 to read as follows:

Outlets per circuit. In dwelling units, no more than 13 outlets are allowed on one branch circuit. Appliance circuits are limited to six duplex receptacles per circuit.

Exception: Fixed lighting circuits designed to meet the appropriate sections of the Code.

23.30.210-52(i) PARKING SPACES

Add a new subsection (i) as follows:

(i) Parking spaces. For each dwelling unit and mobile home, there shall be at least one exterior weather proof duplex outlet on a separate 20-ampere G.F.C.I. circuit adjacent to on-site parking locations.

Add exception to new subsection (i) as follows:

Exception: For multi-family dwellings, eight-plex and larger where indoor parking is provided, the required number of exterior duplex receptacles may be reduced by the number of indoor heating parking locations.

23.30.230-1 SCOPE

Add the following:

The service installation shall also conform to the electric service requirements of the utility serving the area.

23.30.240-24(f) AREA NOT PERMITTED FOR OVERCURRENT DEVICES

Add a subsection (f) as follows:

Areas not permitted. Overcurrent devices shall not be installed in stairways.

23.30.250-50 METAL UNDERGROUND WATER PIPES

Delete Exception

23.30.250-50(a)(2) METAL UNDERGROUND WATER PIPES

Delete Exception

23.30.250-118 TYPES OF EQUIPMENT GROUNDING CONDUCTORS

Delete from paragraph:

(2) rigid metal conduit; (3) intermediate metal conduit; (4) electrical metallic tubing; (5) flexible metal conduit where both the conduit and fittings are listed for grounding; (6) listed flexible metal conduit that is not listed for grounding; (7) listed liquidtight flexible metal conduit; (8) flexible metal tubing; (9) armor of Type AC cable; (11) the metallic sheath of Type MC cable; (12) cable trays as permitted in Sections 318-3(c) and 318-7; (13) cablebus framework as permitted in Section 365-2(a); (14) other electrically continuous metal raceways listed for grounding.

Revise (10) to be (2).

23.30.300-4(g) & (h) PROTECTION AGAINST PHYSICAL DAMAGE

Amend by adding new subsection (g) and (h)

(g) Wallboard, paneling and other surfacing materials should be cut to fit electrical outlets before installation. When surfacing materials are installed and then cut to fit with routers, drywall saws, etc., outlets and wiring must be inspected for damage before devices and trim plates are installed.

- (h) Roofs. Raceways run on the surface of a roof or subject to damage from snow, ice, or foot traffic, shall be rigid metal or intermediate metal conduit only.

23.30.300-5(d) PROTECTION FROM DAMAGE - BURIED CABLE

Add a paragraph as follows:

- (k) When direct buried cables are parallel to or cross sewers, water lines, fuel lines, steam lines, other supply or communication conductors, a 12 inch (26.88 cm) separation, vertical and horizontal, shall be maintained.

23.30.310-13 CONDUCTOR CONSTRUCTION AND APPLICATIONS

Amend by adding the following paragraph:

Thermoplastic type insulation shall not be installed when the temperature is less than 7C(20F)

23.30.331-4 USES NOT PERMITTED

Add a paragraph following (9)

- 10) When the temperature in a building is lower than 7C (20F), electrical non-metallic tubing shall not be installed nor have wires installed in it.

23.30.334-12 INSULATED BUSHING

Add the following words to the bottom of the paragraph:

An insulated bushing or its equivalent protection shall be provided between the conductors and the outer metal sheath and must be visible for inspection. Only those MC cable types specifically designed to be without an insulating bushing may be installed without this protection.

23.30.336-4 USES PERMITTED

Delete "and other structures" from part (2)

23.30.336-5 (a)(10) USES NOT PERMITTED

(10) When the temperature in a building is lower than 7 C (20 F), non metallic sheathed cable shall not be installed.

23.30.336-30(b) CONDUCTORS

Amend the second paragraph by substitution of the words:

"No. 12 through 2 with copper conductors" for the words "No. 14 through 2 with copper conductors"; and substitute the words "No. 10 through 2 with aluminum" for the words "No. 12 through 2 with aluminum."

23.30.410-8 FIXTURES IN CLOTHES CLOSETS

Delete the word "clothes" from the entire section.

23.30.680-40 OUTDOOR INSTALLATIONS

Add 680-40(c) to read as follows:

An approved cable assembly with an insulated or covered equipment grounding conductor, installed inside the structure of a dwelling unit, may be used to connect the service equipment or branch circuit panelboard with a listed packaged unit utilizing a factory-installed remote panelboard. Outside wiring to the unit must be installed as to the other requirements of article 680-40.

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2 That this ordinance shall become effective immediately upon its passage and approval by the
3 Assembly.

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5 PASSED AND APPROVED by the Anchorage Assembly this ____ day of _____, 1999.
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10 _____
Chair of the Assembly
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13 ATTEST:
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16 _____
17 Municipal Clerk