

Submitted by: Chair of the Assembly at the
Request of the Mayor
Prepared by: Dept. of _____
For reading: _____

ANCHORAGE, ALASKA
AO No. 20XX-_____

1 **AN ORDINANCE OF THE ANCHORAGE ASSEMBLY REPEALING AND**
2 **REENACTING ANCHORAGE MUNICIPAL CODE CHAPTER 23.20 TO ADOPT**
3 **LOCAL AMENDMENTS TO THE NATIONAL ELECTRICAL CODE 2020 EDITION.**
4

5
6 **WHEREAS,**

7
8 **WHEREAS,**

9
10 **WHEREAS, ****; now, therefore,**

11
12 **THE ANCHORAGE ASSEMBLY ORDAINS:**

13
14 **Section 1.** Anchorage Municipal Code chapter 23.20 shall be repealed in its
15 entirety and replaced with the following:

16 **CHAPTER 23.30 LOCAL AMENDMENTS TO THE NATIONAL**
17 **ELECTRICAL CODE 2020 EDITION**

18
19 **Sections**

20 23.30.10	Local Amendments to the National Electrical Code 2020 Edition.
21 23.30.20	Certificate of fitness—Right to inspection.
22 23.30.100	Definitions.
23 23.30.110.21(A)(1)	General.
24 23.30.210.8(B)	Other Than Dwelling unit.
25 23.30.210.12(A)	Dwelling Units (Arc-Fault Circuit-Interrupter Protection)
26 23.30.210.23	Permissible Loads, Multiple-Outlet Branch Circuits (Outlets Per Circuit).
27 23.30.210.52(C)(2)	Island and Peninsular Countertops and Work Surfaces
28 23.30.210.52(J)	Dwelling Unit Receptacle Outlets (Parking Spaces).
29 23.30.210.52(K)	Dwelling Unit Receptacle Outlets. (Under-Floor Crawl Spaces).
30 23.30.210.52(L)	Electric Vehicle (EV) Charging Provisions at Detached One-and Two-Family Dwellings and Townhouses.
31 23.30.210.63(B)(2)	Indoor Equipment Requiring Dedicated Equipment Spaces.
32 23.30.210.65(A)	General.
33 23.30.210.65(B)(2)	Floor Outlets.
34 23.30.225.32	Location.

1	23.30.230.1	Scope.
2	23.30.230.2(E)	Identification.
3	23.30.230.32	Protection Against Damage.
4	23.30.230.70(A)(1)	Readily Accessible Location.
5	23.30.230.70(A)(3)	Remote Control.
6	23.30.250.53(D)(2)	Grounding Electrode System Installation (Metal
7		Underground Water Pipe - Supplemental Electrode
8		Required).
9	23.30.250.68(C)	Grounding Electrode Conductor and Bonding Jumper
10		Connection to Grounding Electrodes (Grounding
11		Electrode Connections).
12	23.30.250.118	Types of Equipment Grounding Conductors.
13	23.30.250.122(B)	Increase in Size.
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16		Systems).
17	23.30.300.24	Cold Temperature Installations.
18	23.30.314.27(C)	Boxes at Ceiling-Suspended (Paddle) Fan Outlets.
19	23.30.330.40	Boxes and Fittings.
20	23.30.334.10	Uses Permitted.
21	23.30.334.104	Conductors.
22	23.30.410.17	Other Closet or Storage Spaces.
23	23.30.445.18(A)	Disconnecting Means.
24	23.30.445.18(B)(3)	Emergency Shutdown of Prime Mover
25	23.30.510	Hazardous (Classified) Locations.
26	Table 511.3(C)	Extent of Classified Locations for Major and Minor
27		Repair Garages with Heavier-Than-Air Fuel.
28	Table 511.3(D)	Extent of Classified Locations for Major Repair
29		Garages with Lighter-than-Air Fuel.
30	23.30.511.3(E)(1)	Specific Areas Adjacent to Classified Locations.
31	23.30.513.3(D)	Areas Suitably Cut Off and Ventilated.
32	23.30.517.10(B).	Not Covered
33	23.30.517.13(A).	Wiring Method.
34	23.30.620.22	Branch Circuits for Car Lights, Receptacle(s),
35		Ventilation,
36		Heating and Air-Conditioning.
37	23.30.620.33	Branch Circuits for Machine Room or Control
38		Room/Machinery Space or Control Space Lighting and
39		Receptacle(s).
40	23.30.620.24.1	Branch Circuit for Hoistway Pit Lighting and
41		Receptacles. 23
42	23.30.620.51(D)	Identification and Signs.
43	23.30.620.71	Guarding Equipment.
44	23.30.700.19	Multiwire Branch Circuits.
45	23.30.702.5	Transfer Equipment.

23.30.10 Local Amendments to the National Electrical Code 2020 Edition.

48

1 The amendments to the 2020 edition of the National Electrical Code are listed here by
2 section. The last digits of the number after the title and chapter digits are the article,
3 section and subsection of the National Electrical Code to which the amendment refers, i.e.,
4 23.30.210.23(D) refers to article 210, section 23 and subsection (D) of the National Electrical
5 Code, 2020 Edition.

6
7 **Informational Note:** For further information on other Building Codes, Policies and Handouts
8 that may affect electrical installation requirements go to the Municipality of Anchorage,
9 Building Safety Website at: www.muni.org/departments/ocpd/development/bsd

10
11 **23.30.20 Certificate of Fitness—Right to Inspection.**

12
13 Municipal electrical inspectors may contact any electrical worker performing work for which a
14 certificate of fitness is required by Alaska Statue 18.62.070 and request the person to exhibit
15 their certificate of fitness or trainee certificate of fitness. The inspector may immediately serve
16 upon that person a notice to cease any further work in that occupation until the person has
17 demonstrated possession of the required certificate.

18
19 **23.30.100 Definitions.**

20 Add the following definition to article 100: Kitchen

21
22 Add the following sentence at the end of the definition: Microwaves that are not
23 fastened in place do not constitute permanent provision for cooking.

24
25 **23.30.110.21(A)(1) General.**

26
27 Add to end of paragraph:

28
29 Equipment shall be marked with clear direction on any specific required replacement
30 components (e.g. type of time delay fuses or GFCI protection).

31
32 **23.30.210.8(B) Other Than Dwelling Units.**

33
34 Replace first paragraph with:

35
36 All 125-volt through 250-volt receptacles supplied by single phase branch circuits rated
37 150 volts or less to ground, 50 amperes or less and all receptacles supplied by three-
38 phase branch circuits rated 150 volts or less to ground, 30 amperes or less installed in
39 the locations specified in 210.8(B)(12) shall have ground-fault circuit-interrupter
40 protection for personnel.

41
42 Delete the paragraph (8) in its entirety and replace with the following text:

43
44 (8) Garages, accessory buildings, service bays, Group F, M and S open areas of less
45 than 5,000 square feet that include overhead doors where vehicles could be stored, and
46 similar areas other than vehicle exhibition halls and showrooms.

1
2 **23.30.210.12(A) Arc-Fault Circuit-Interrupter Protection (Dwelling Units).**

3
4 **(A) Dwelling Units.**

5
6 Delete items (3) and (4).

7
8 Replace exception with:

9
10 Exception: AFCI protection shall not be required where an individual branch circuit
11 supplies the following:

- 12 • A fire alarm system installed in accordance with 760.41(B) or 760.121(B).
13 • A dedicated appliance on a single rated receptacle yoke.

14
15 Branch circuits shall be installed in RMC, IMC, EMT, or steel-sheathed cable,
16 Type AC or Type MC, meeting the requirements of 250.118, with metal outlet and
17 junction boxes. All circuits using this exception shall be clearly identified in the
18 panel they originate from.

19
20 **23.30.210.23 Permissible Loads, Multiple-Outlet Branch Circuits (Outlets Per Circuit).**

21
22 Add subsection (E) as follows:

23
24 **(E) Outlets Per Circuit.** In dwelling units, no more than (15) outlets are allowed on
25 one branch circuit. All smoke detectors on a circuit may be counted as a total of one outlet.
26 Appliance circuits are limited to six (6) duplex receptacles per circuit.

27
28 *Exception: Fixed lighting circuits designed to meet the appropriate sections of the code.*

29
30 **23.30.210.52 Dwelling Unit Receptacle Outlets.**

31
32 **(C)(2) Island and Peninsular Countertops and Work Surfaces.**

33
34 Replace 2020 NEC text with the following:

35
36 Receptacles outlets shall comply with 210.52(C) and the following:

- 37 • Peninsula receptacle outlet spacing shall be based on linear measurements.
38 Linear measurements shall begin at the connected perpendicular wall. Any
39 island or peninsular countertop with a backsplash shall have receptacle
40 spacing in accordance with 210.52(C)(1).
41 • The first 4 linear feet of peninsular countertop shall be permitted to be
42 served by a receptacle outlet on the connected perpendicular wall.
43 • An additional receptacle shall be required for each additional 4 linear feet of
44 peninsular countertop or fraction thereof.
45 • A peninsular countertop with a linear dimension greater than 4 feet shall
46 require a receptacle outlet within 2 feet of the end. Additional required
47 receptacle outlets shall be permitted to be located as determined by the
48 designer, installer, or owner.
49 • Islands shall require (1) receptacle outlet for each 4 linear feet of countertop
50 or fraction thereof.

- Receptacles serving island and peninsular countertop work surfaces shall be located in accordance with 210.52(C)(3).

Add subsection (J) as follows:

(J) Parking Spaces. For each dwelling unit and mobile home, there shall be at least one (1) exterior GFCI protected duplex outlet on a separate 20- ampere circuit adjacent to required on-site parking locations.

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 heated parking locations.

Add subsection (K) as follows:

(K) Under-Floor Crawl Spaces. A receptacle shall be provided in each unconnected space; the receptacle shall be located adjacent to a sump when one is provided. This receptacle shall be a GFCI protected duplex outlet.

Add subsection (L) as follows:

(L) Electric Vehicle (EV) Charging Provisions at Detached One- and Two-Family Dwellings and Townhouses. Provisions for (1) EV charger shall be installed at each dwelling unit. EV charging provisions shall comply with the following:

Electrical Rough:

- A conduit or cable wiring method terminated in a junction box with cover, adequate for a 50A minimum circuit shall be installed.
- The enclosure where the circuit originates shall have an adequate space for a 2-pole breaker.
- The EV charging outlet provision shall be in a garage or adjacent to outdoor parking if the dwelling unit does not have a garage.

Electrical System Capacity:

- Panels, feeders, and services less than 200A shall have capacity calculated according to NEC Art. 220 to serve an additional 9.6KW load at the time of construction.
- The additional load capacity required by this section shall not require the installation of panel, feeder, or service larger than 200A.
- Panels, feeders, and services supplying EV chargers, not installed at the time of dwelling unit construction shall have capacity verified at the time of charger installation. Load calculation per NEC Art. 200 or KW demand history per NEC 220.87 shall be used to verify capacity.
- An EV charging circuit supplied from a dedicated breaker in service equipment shall not require a feeder supplying the entire load associated with an individual dwelling unit to be larger than required by 310.12(B).

23.30.210.63(B)(2) Indoor Equipment Requiring Dedicated Equipment Spaces.

Replace the text with the following:

1 Where equipment, other than service equipment, requires dedicated equipment space as
2 specified in 110.26(E), the required receptacle outlet shall be located within the same room
3 or area as the electrical equipment.
4

5 **23.30.210.65(A) General.**

6
7 Add “or training” after the “meeting” in the first paragraph.
8

9 **23.30.210.65(B)(2) Floor Outlets.**

10 Delete the paragraph in its entirety.
11

12 **23.30.225.32 Location.**

13 Add the following text at the end of the paragraph:
14

15 Where the disconnect is located inside a commercial building an exterior mounted remote
16 device shall be provided to actuate the interior disconnecting means. The control device shall
17 meet the same requirements of NEC 230.71(A)(3).
18

19 **23.30.230.1 Scope.**

20
21 Add the following sentence:
22

23 The service installation shall also conform to the current written electric service requirements
24 of the utility serving the area.
25

26 **23.30.230.2(E) Identification.**

27
28 Add the following text at the end of the paragraph:
29

30 Identification of the switching mechanism to be 8”x8” minimum with 1” minimum white
31 lettering on red background and permanently affixed to enclosure or adjacent when too
32 large for enclosure.
33

34 **23.30.230.32 Protection Against Damage.**

35
36 Add the following paragraph:
37

38 Physical protection of underground service laterals for residential services of 200 amperes and
39 less shall consist of not more than nine feet of liquid tight flexible metal conduit.
40

41 **23.30.230.70(A)(1) Readily Accessible Location.**

42
43 Add the following paragraph:
44

45 The service disconnecting means for commercial facilities shall be lockable per 110.25
46 and operable from the exterior of the building if the service disconnect is within the
47 building. A fire pump service disconnect is not required to be operable from the exterior of
48 the building.
49

50 **23.30.230.70(A)(3) Remote Control.**

1
2 Replace subsection (3) with:

3
4 (3) Remote Control. Where a remote-control device(s) is used to actuate the service
5 disconnecting means, the service disconnecting means shall be located in accordance with
6 section 230.70(A)(1). The control device shall meet the requirements of the electrical utility.

7
8 Service disconnection by use of shunt trip device is acceptable. The shunt trip switch may be
9 either the safety switch type or a switch inside an enclosure.

10
11 Safety switch: Shall be suitable for the environment and be lockable in either the “on” or
12 “off” position. Interlock contacts may be used to provide correct handle location. The “off”
13 position must disconnect the power.

14
15 Inside an enclosure: the shunt switch must be placed within an enclosure suitable for the
16 environment and the hinged cover. The enclosure shall be large enough for the required
17 sign to be mounted on it. The enclosure must have a padlock hasp with the padlock
18 accessible for removal with bolt cutters by emergency responders. No hardened steel
19 shackles are permitted. Shackle diameter shall not exceed 5/16”. The shunt trip switch shall
20 be a maintained contact with “off” and “on” clearly identified. The “off” position must
21 disconnect the power.

22 23 **23.30.230.71(B) Two to Six Service Disconnecting Means**

24
25 Add

26
27 (5) combination multimeter panels with individual disconnects on multi-tenant and multi-
28 dwelling structures.

29 30 **23.30.250.53(D)(2) Grounding Electrode System Installation (Metal Underground** 31 **Water Pipe - Supplemental Electrode Required).**

32
33 Delete the exception.

34 35 **23.30.250.68(C) Grounding Electrode Conductor and Bonding Jumper Connection to** 36 **Grounding Electrodes (Grounding Electrode Connections).**

37
38 Delete the exception under location (1).

39 40 **23.30.250.118 Types of Equipment Grounding Conductors.**

41
42 Delete items (2) through (14) and replace with:

- 43
44 (2) The copper sheath of mineral insulated, metal-sheathed cable Type MI.
45 (3) Metal enclosures of busways listed for grounding.
46 (4) Armor of Type AC cable as provided in 320.108.
47 (5) Type MC cable that provides an effective ground-fault current path in
48 accordance with one or more of the following:
49 a. It contains an insulated or uninsulated equipment grounding
50 conductor in compliance with 250.118(1).

- 1 b. The combined metallic sheath and uninsulated equipment
2 grounding/bonding conductor of inter-locked metal tape-type MC
3 cable that is listed and identified as an equipment grounding
4 conductor.
5 c. The metallic-sheath and equipment grounding conductors of
6 the smooth or corrugated tube-type MC cable that is listed an
7 identified as an equipment grounding conductor.
8 (6) Cable trays as permitted in 392.10 and 392.60.
9

10 **23.30.250.122(B) Increase in Size.**

11
12 Add the following to the end of the paragraph:

13
14 Increase in size shall not be required for circuits less than 100 feet in length. Circuits 100
15 amps or less may use the 60 degree C column for determining smallest conductor size with
16 sufficient ampacity in accordance with section 110.14. Rounding up shall not be considered
17 as the smallest conductor size with sufficient ampacity.
18

19 **23.30.300.4(I) Protection Against Physical Damage (Roofs).**

20
21 Add subsection (I) as follows:

22
23 (I) Roofs. Raceways run on the surface of a roof or subject to damage from snow, ice, or foot
24 traffic, shall be rigid metal or intermediate metal conduit only, and supported per NEC 344.30
25 and 342.30.
26

27 **23.30.300.5 Underground Installations (Separation from Other Systems).**

28
29 Add subsection (L) as follows

30
31 (L) Separation from Other Systems. When direct buried cables or conductors cross or are
32 installed parallel to sewers, water lines, gas or other fuel lines, steam lines, communication
33 and utility electric cables or conductors, a minimum 12inch radial separation shall be
34 maintained.
35

36 **23.30.300.24 Cold Temperature Installations.**

37
38 Add section 300.24 as follows:

39
40 **300.24 Cold Temperature Installations.** Thermoplastic type insulated wires or
41 cables, or non-metallic tubing shall not be installed when ambient temperatures
42 are less than 20° F.
43

44 **23.30.314.27(C) Boxes at Ceiling-Suspended (Paddle) Fan Outlets.**

45
46 Replace the text in the second paragraph with the following:

47
48 A minimum of one outlet box of any mounted in the ceilings of bedrooms, living rooms,
49 family rooms, dens, sunrooms, and dining rooms of dwelling occupancies in a location

1 more than 4 feet from adjacent walls and acceptable for the installation of a ceiling-
2 suspended (paddle) fan shall comply with one of the following:

3
4 **23.30.330.40 Boxes and Fittings.**

5
6 Add section 330.40 as follows:

7
8 **330.40 Boxes and Fittings.** An insulated bushing shall be provided
9 between the conductors and the outer metal sheath and must be visible for
10 inspection.

11
12 **23.30.334.10 Uses Permitted.**

13
14 Replace permitted uses (2) and (3) with the following:

- 15
16 (2) Multi-family dwellings of Type III, IV and V construction having wood-
17 wall-stud framing.
- 18
19 (3) AFCI protected branch circuits in Group R-1, R-2, R-3, R-4 and I-1 occupancies
20 of Type III, IV or V construction having wood-wall-stud framing. Cables shall
21 be concealed in walls, floors, or ceilings that provide a thermal barrier of
22 material that has at least 15- minute finish rating as identified in listings of fire-
23 rated assemblies.

24
25 **23.30.334.104 Conductors.**

26
27 Replace section 334.104 with:

28
29 334.104. Conductors. The insulated power conductors shall be sizes 14 AWG through 2 AWG
30 with copper conductors or sizes 10 AWG through 2 AWG with aluminum or copper-clad
31 aluminum conductors. Conductors supplying receptacles shall be minimum size 12 AWG
32 copper conductors or sizes 10 AWG with aluminum or copper-clad aluminum conductors.
33 The communication conductors shall comply with Part V of Article 800.

34
35 **23.30.410.17 Other Closet or Storage Spaces.**

36
37 Add section 410.17 as follows:

38
39 **410.17 Other Closet or Storage Spaces.** Luminaires shall meet the location
40 requirements for clothes closets or be of a totally enclosed fluorescent or LED
41 type.

42
43 **23.30.445.18(A) Disconnecting Means.**

44
45 Add the following sentence to the end of the paragraph:

46
47 Generator disconnecting means shall conform to the requirements of sections
48 23.30.230.70(A)(1) and 23.30.230.70(A)(3).

49

23.30.445.18(B)(3) Emergency Shutdown of Prime Mover.

Add the following text:

3. Emergency shutdown for commercial generator facilities that are not located immediately adjacent to the exterior power service equipment or feeder disconnect(s), a lockable emergency shutdown shall be located adjacent to the exterior disconnecting means. Each generator shut down shall be labeled denoting the system supplied. The emergency shutdown for the generator shall not be in the same enclosure as the utility power or other shutdown operators.

23.30.510 Hazardous (Classified) Locations.

Add the following informational note:

Informational Note: The requirement for elevation of ignition source in the International Mechanical Code 304.3 and the International Fuel Gas Code does not constitute a hazardous classification in accordance with this code. The requirement for elevation of ignition source may apply to both classified and unclassified areas. The requirement reads as follows:

IMC 304.3:

Elevation of ignition source. Equipment and appliances having an ignition source and located in hazardous locations and public garages, private garages, repair garages, automotive motor fuel-dispensing facilities and parking garages shall be elevated such that the source of ignition is not less than 18 inches above the floor surface on which the equipment or appliance rests.

IMC 304.3 MOA Amendment added to text:

Rooms and spaces that are not part of the living space of a dwelling unit shall include but not be limited to utility, storage, mud, laundry, toilet, and bathing rooms. Group F, M and S occupancies with open spaces less than 5,000 square feet that include overhead doors providing access to vehicles and equipment containing combustible fuel shall comply with this section. Communicating spaces separated by a door are not considered part of this space.

Replace Table 23.30.511.3(C) Table with the following:

Table 511.3(C) Extent of Classified Locations for Major and Minor Repair Garages with Heavier-Than-Air Fuel

Location	Class I		Extent of Classified Location
	Division (Group D)	Zone (Group IIA)	

Repair garage, major (where Class I liquids or gaseous fuels are transferred or dispensed*)	1	1	Entire space within any pit, below grade work area, or subfloor work area that is not ventilated
	2	2	Entire space within any pit, below grade work area, or subfloor work area that is provided with ventilation of at least 1 ft ³ /min/ft ² of floor area, with suction taken from a point within 12 in. of floor level
	2	2	Up to 18 in. above floor level of the room
	2	2	Within 3 ft. of any fill or dispensing point, extending in all directions
Specific areas adjacent to classified locations	Unclassified	Unclassified	Areas adjacent to classified locations where flammable vapors are not likely to be released, such as stock rooms, switchboard rooms, and other similar locations, where designed with positive air pressure or where effectively cut off by walls or partitions. Doorways shall be by means of a vestibule providing a two-door separation.
Repair garage, minor (where Class I liquids or gaseous fuels are not transferred or dispensed*)	2	2	Entire space within any pit, below grade work area, or subfloor work area that is not ventilated

	2	2	Up to 18 in. above floor level, extending 3 ft. horizontally in all directions from opening to any pit, below grade work area, or subfloor work area that is not ventilated
	Unclassified	Unclassified	Entire space within any pit, below grade work area, or subfloor work area that is provided with ventilation of at least 1 ft ³ /min/ft ² of floor area, with suction taken from a point within 12 in. of floor level
Specific areas adjacent to classified locations	Unclassified	Unclassified	Areas adjacent to classified locations where flammable vapors are not likely to be released, such as stock rooms, switchboard rooms, and other similar locations, where designed with positive air pressure, or where effectively cut off by walls or partitions. Doorways shall be by means of a vestibule providing a two-door separation
Repair garage, major (where Class I liquids or gaseous fuels are transferred or dispensed*)	2	2	Entire space within any pit, below grade work area, or subfloor work area that is not ventilated
	Unclassified	Unclassified	
Specific areas adjacent to classified locations	Unclassified	Unclassified	Areas adjacent to classified locations where flammable vapors are not likely to be released, such as stock rooms, switchboard rooms, and other similar locations, where designed with positive air pressure, or where

			effectively cut off by walls or partitions. Doorways shall be by means of a vestibule providing a two-door separation.
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*Includes draining of Class I liquids from vehicles.

¹Includes fuels such as hydrogen and natural gas, but not LPG.

²For hydrogen (lighter than air) Group B, or natural gas Group D.

³For hydrogen (lighter than air) Group IIC or IIB+H₂, or natural gas Group IIA

23.30.511.3(E)(1) Specific Areas Adjacent to Classified Locations.

Replace subsection (1) with:

- (1) Specific Areas Adjacent to Classified Locations.** Areas adjacent to classified locations in which flammable vapors are not likely to be released such as offices, stock rooms, switchboard rooms, and other similar locations shall be unclassified where any of the following parameters apply:
- a) Adjacent areas less than 300 square feet and mechanically ventilated at a rate of four or more air changes per hour.
 - b) Adjacent areas designed with positive air pressure.
 - c) Adjacent areas effectively cutoff by walls or partitions. Doorways shall be by means of a vestibule providing a two-door separation.

23.30.513.3(D) Areas Suitably Cut Off and Ventilated

Replace subsection (D) with:

(D) Areas Suitably Cut Off and Ventilated. Areas adjacent to classified locations in which flammable liquids or vapors are not likely to be released such as offices, stock rooms, electrical control rooms, and other similar locations shall be unclassified where designed with positive air pressure and effectively cut off by walls. Doorways shall be by means of a vestibule providing a two- door separation.

23.30.517.10(B) Not Covered

(3) Areas used exclusively for any of the following purposes:

Delete c) and d).

230.30.517.13(A) Wiring Method.

1 Add exception to (A):

2
3 *Exception: shall not apply to Patient Care - Support (category 4) Space*

4
5 **23.30.620.22 Branch Circuits for Car Lights, Receptacle(s), Ventilation, Heating and**
6 **Air-Conditioning.**

7
8 Add the following to (A) Car Light Source:

9
10 If the elevator is powered by a generator these circuits shall also be fed by the
11 generator.

12
13 **23.20.620.23 Branch Circuits for Machine Room or Control Room/Machinery Space or**
14 **Control Space Lighting and Receptacle(s).**

15
16 Add the following paragraph to (A) Separate Branch Circuits:

17
18 The separate circuits shall be one or more lighting circuits and one or more
19 receptacle circuits that are separated from each other and from building circuits
20 but may be comingled between machine room, control room, machine space, control
21 space, hoistway and pit.

22
23 If the elevator is powered by a generator these circuits shall also be fed by the
24 generator.

25
26 **23.30.620.24 Branch Circuit for Hoistway Pit Lighting and Receptacles.**

27
28 Add the following to (A) Separate Branch Circuits:

29
30 The separate circuits shall be one or more lighting circuits and one or more
31 receptacle circuits that are separated from each other and from building circuits
32 but may be comingled between machine room, control room, machine space,
33 control space, hoistway and pit.

34
35 If the elevator is powered by a generator, then these circuits shall also be fed by
36 the generator.

37
38 **23.30.620.51(D) Identification and Signs.**

39
40 Replace item (1) with the following:

41
42 (1) Identification

43 The disconnecting means shall be provided with a sign to identify the
44 location of the supply side overcurrent protective device. Where there is
45 more than one driving machine or motor controller in a machine room,
46 machine space, control room or control space the disconnecting means shall
47 be numbered to correspond to the identifying number of the driving machine
48 they control.

49

23.30.620.71 Guarding Equipment.

Add the following to (A) Motor controllers:

Unless specifically addressed in the adopted elevator code (ASME A17.1), motor controllers that are recessed mounted in a wall with less than 1¼ inch clearance between the back of the cabinet and the inside surface of the wall sheathing shall be protected by 1/16 inch thick steel plate, or equivalent. This plate is in addition the cabinet construction.

23.30.700.19 Multiwire Branch Circuits.

Add the following exception:

Exception: Existing installations on multiwire branch circuits where retrofit kits, unit equipment or same type replacements are installed, or no more than 6 new luminaires with associated branch wiring are added to each existing circuit.

23.30.702.5 Transfer Equipment.

Add the following subsection:

(F) Dwelling Unit Manual Transfer Switches.

Manual transfer equipment for portable generator use at dwelling units shall comply with items 1 or 2 below.

1. Feeder switching applications require installation of a listed, 3-pole transfer switch. The feeder neutral shall be switched or unswitched as required by the generator configuration. The transfer switch shall be labeled to match the generator configuration as required by 702.7(C). The service disconnect shall be labeled per 702.7(B) if applicable.
2. Single circuit switching applications require installation of listed, single-circuit transfer switches. Single circuit transfer switches shall not require provision to switch the neutral conductor.

Section 2. This ordinance shall be effective immediately upon passage and approval by the Assembly.

PASSED AND APPROVED by the Anchorage Assembly this _____ day of _____, 2022.

Chair of the Assembly

ATTEST:

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Municipal Clerk