

Instructions:**Fee \$40**

1. Print these pages.
2. Circle the correct answers and transfer them to the answer sheet on last pages.
3. Page down to the last page for the verification forms and mailing instructions.
4. Use this link ([click here](#)) for reference material and your 2023 NEC code book (optional).
5. 90 questions are listed in a straight order format throughout the complete quiz.

2023 NEC Changes Part 2**This course is valid for these credentials:**

<u>Credential Description</u>	<u>Cred Code</u>	<u>Credit Hours</u>
Registered/Beginner Electrician	BE	3.0
Commercial Electrical Inspector	CEI	3.0
Industrial Journeyman Electrician	IJE	3.0
Journeyman Electrician	JE	3.0
Master Electrician	ME	3.0
Residential Journeyman Electrician	RJE	3.0
Residential Master Electrician	RME	3.0
UDC-Electrical Inspector	UEI	3.0

2023 NEC Changes Part 2

1. Article 225 Outside Branch Circuits and Feeders 225.41 Emergency Disconnects. For one-and two-family dwelling units, an emergency disconnecting means shall be installed. (A) General. (3) Grouping. If more than one disconnecting means is provided, they _____ be grouped.
 - a. maybe should
 - b. ought to
 - c. shall
 - d. none of the above
2. Article 225 Outside Branch Circuits and Feeders 225.41 Emergency Disconnects. For one-and two-family dwelling units, an emergency disconnecting means shall be installed. (B) Identification of Other Isolation Disconnects. Where equipment for isolation of other energy source systems is not located adjacent to the emergency disconnect required by this section, a _____ identifying the location of all equipment for isolation of other energy sources shall be located adjacent to the disconnecting means required by this section.
 - a. Plaque
 - b. Directory
 - c. Manual

d. Both a or b

3. Article 225 Outside Branch Circuits and Feeders 225.41 Emergency Disconnects. For one-and two-family dwelling units, an emergency disconnecting means shall be installed. (A) General. (B) Identification of Other Isolation Disconnects. Informational Note: See _____ for examples of other energy source system isolation means.

a. 445.18

b. 480.7

c. 705.20

d. all of the above

4. Article 225 Outside Branch Circuits and Feeders 225.41 Emergency Disconnects. For one-and two-family dwelling units, an emergency disconnecting means shall be installed. (C) Marking. The disconnecting means shall be marked as EMERGENCY DISCONNECT. Markings shall comply with 110.21(B) and all of the following: The marking or labels shall be located on the outside front of the disconnect enclosure with _____.

a. red background

b. white text

c. black text

d. both a & b

5. Article 225 Outside Branch Circuits and Feeders 225.41 Emergency Disconnects. For one-and two-family dwelling units, an emergency disconnecting means shall be installed. (C) Marking. The disconnecting means shall be marked as EMERGENCY DISCONNECT. Markings shall comply with 110.21(B) and all of the following:(2) The letters shall be least at _____ high.

a. 13 mm

b. 1/2 in

c. both a or b

d. 3/8 in

6. 230.85(A)(B)(C)(D)(E) Emergency Disconnects – 1 and 2 Family Homes Change Summary, A revision was made to clarify the _____ of the required residential emergency disconnect.

a. rating

b. grouping

c. location

d. all of the above

7. Article 230 Services

230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (A) General. (1) Location. The disconnecting means shall be installed in a readily accessible outdoor location _____ the dwelling unit.

- a. on
- b. within sight of
- c. both a or b
- d. none of the above

8. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (A) General. (1) Location
Exception: Where the requirements of 225.41 are met, this section shall not apply.

- a. 225.40
- b. 225.41
- c. 225.42
- d. 225.43

9. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (A) General. (2) Rating. The disconnecting means shall have a short-circuit current rating _____ the available fault current.

- a. equal to
- b. greater than
- c. 125% of
- d. both a or b

10. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (A) General. (3) Grouping. If more than _____ disconnecting means is provided, they shall be grouped.

- a. one
- b. two
- c. three
- d. both a or b

11. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (B) Disconnects. Each disconnect shall be one of the following:

- a. Service disconnect
- b. A meter disconnect integral to the meter mounting equipment not marked as suitable only for use as service equipment installed in accordance with 230.82
- c. Sub feeder disconnect on load side
- d. both a or b

12. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (B) Disconnects. (3) Other listed disconnect switch or circuit breaker that is marked suitable for use as service equipment, but not marked as suitable only for use as service equipment, installed on the _____ side of each service disconnect.

- a. load
- b. supply
- c. both a or b
- d. none of the above

13. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (B) Disconnects
Informational Note 1: Conductors between the emergency disconnect and the service disconnect in 230.85(2) and 230.85(3) are _____.

- a. feeder conductors
- b. service conductors
- c. sub feeder conductors
- d. all of the above

14. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (B) Disconnects
Informational Note 2: Equipment marked "Suitable only for use as service equipment" includes the factory marking "Service Disconnect"

- a. feeder disconnect
- b. service disconnect
- c. sub feeder disconnect
- d. all of the above

15. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (C) Replacement. Where service equipment is replaced, all of the requirements of this section ____ apply.

- a. could
- b. may
- c. shall
- d. shall not

16. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (C) Replacement. Exception: Where only meter sockets, service entrance conductors, or related raceways and fittings are replaced, the requirements of this section _____ apply.

- a. could
- b. may
- c. shall
- d. shall not

17. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (D) Identification of Other Isolation Disconnects. Where equipment for isolation of other energy source systems is not located adjacent to the emergency disconnect required by this section, a _____ identifying the location of all equipment for isolation of other

energy sources shall be located adjacent to the disconnecting means required by this section.

- a. plaque
- b. directory
- c. both a or b
- d. none of the above

18. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (D) Identification of Other Isolation Disconnects. Informational Note: See 445.18, 480.7, 705.20, and 706.15 for examples of other energy source system _____ means.

- a. remoteness
- b. separation
- c. isolation
- d. none of the above

19. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (E) Marking.

(1) Marking Text. The disconnecting means shall marked as follows: (1) Service disconnect _____.

- a. emergency disconnect
- b. service disconnect
- c. both a & b
- d. none of the above

20. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (E) Marking. (2) Meter disconnects installed in accordance with 230.82(3) and marked as follows:

- a. emergency disconnect
- b. meter disconnect
- c. not service equipment
- d. all of the above

21. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (E) Marking. (3) Other listed disconnect switches or circuit breakers on the supply side of each service disconnect that are marked suitable for use as service equipment and marked as follows:

- a. emergency disconnect
- b. meter disconnect
- c. not service equipment
- d. both a & c

22. 230.85 Emergency Disconnects. For one- and two-family dwelling units, an emergency disconnecting means shall be installed. (E) Marking. (2) Marking

Location and Size. Markings shall comply with 110.21(B) and both of the following:

- a. The marking or labels shall be located on the outside front of the disconnect enclosure with red background and white text.
- b. The letters shall be at least 13 mm (1/2 in.) high.
- c. both a & b
- d. none of the above

23. 110.21 Marking (A) Equipment Markings.

(2) Reconditioned Equipment. Reconditioned equipment shall be marked with the following:

- a. Name, trademark, or other descriptive marking of the organization that performed the reconditioning
 - b. The date of the reconditioning
 - c. the term reconditioned or other approved wording or symbol indicating that the equipment has been reconditioned.
- The original listing mark shall be removed or made permanently illegible. The equipment nameplate shall not be required to be removed or made permanently illegible, only the part of the nameplate that includes the listing mark if applicable. Approval of the reconditioned equipment shall not be based solely on the equipment's original listing.
- d. all of the above

24. 240.2 Reconditioned Equipment. (A) Reconditioning Not Permitted. The following equipment shall not be reconditioned:

- a. Equipment providing ground-fault protection of equipment
- b. Ground-fault circuit interrupters
- c. both a & b
- d. none of the above

25. 240.2 Reconditioned Equipment. (A) Reconditioning Not Permitted. The following equipment shall not be reconditioned:

- a. Low-voltage fuseholders
- b. Molded-case circuit breakers
- c. Low-voltage renewable fuses
- d. all of the above

26. 240.2 Reconditioned Equipment. (B) Reconditioning Permitted. The following equipment shall be permitted to be reconditioned:

- a. Low-voltage power circuit breakers
- b. Electromechanical protective relays
- c. and current transformers
- d. all of the above

27. 240.2 Reconditioned Equipment. (B) Reconditioning Permitted.

Reconditioned equipment shall be _____ as reconditioned and comply with 110.21(A)(2).

- a. approved
- b. identified
- c. listed
- d. all of the above

28. 404.16 Reconditioned Equipment. (A) Lighting, Dimmer, and Electronic Control Switches. Reconditioned lighting, dimmer, and electronic control switches _____ be permitted.

- a. shall
- b. may
- c. could possibly
- d. shall not

29. 404.16 Reconditioned Equipment. (B) Snap Switches. Reconditioned snap switches of any type _____ be permitted.

- a. shall
- b. may
- c. could possibly
- d. shall not

30. 404.16 Reconditioned Equipment. (C) Knife Switches, Switches with Butt Contacts, and Bolted Pressure Contact Switches. Reconditioned knife switches, switches with butt contacts, and bolted pressure contact switches _____ be permitted.

- a. shall
- b. may
- c. could possibly
- d. shall not

31. 404.16 (C) Reconditioned Equipment. If equipment has been damaged by fire, products of combustion, corrosive influences, or water, it shall be specifically evaluated by _____ prior to being returned to service.

- a. its manufacturer
- b. a qualified testing laboratory
- c. local inspector
- d. both a or b

32. 404.16 (D) Reconditioned Equipment. Molded-Case Switches. Reconditioned molded-case switches _____ be permitted.

- a. shall
- b. may
- c. could possibly
- d. shall not

33. 406.2 Reconditioned Equipment. Reconditioned receptacles, attachment plugs, cord connectors, and flanged surface devices _____ be permitted.

- a. shall
- b. may
- c. could possibly
- d. shall not

34. Article 240 Overcurrent Protection 240.24 Location in or on Premises.

(E) Not Located in Bathrooms. Overcurrent protective devices, other than supplementary overcurrent protection shall not be located in _____ with showering facilities.

- a. bathrooms
- b. showering facilities
- c. locker rooms
- d. all of the above

35. 300.14 Length of Free Conductors at Outlets, Junctions, and Switch Points.

The 150 mm (6 in.) free conductor shall be permitted to be _____.

- a. spliced
- b. unspliced
- c. both a or b
- d. none of the above

36. Article 312 – Cabinets, Cutout Boxes, and Meter Socket Enclosures

312.10 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or as specified by the manufacturer or shall comply with the following as applicable:

- a. Screws shall be machine type with blunt ends.
- b. Other fasteners shall have blunt ends.
- c. Screws or other fasteners shall extend into the enclosure no more than 6 mm (1/4 in.) unless the end is protected with an approved means.
- d. all of the above

37. Article 312 – Cabinets, Cutout Boxes, and Meter Socket Enclosures

312.10 Screws or Other Fasteners. Exception to (3): Screws or other fasteners shall be permitted to extend into the enclosure not more than _____ if located within 10 mm (3/8 in.) of an enclosure wall.

- a. 11 mm
- b. 7/16 in
- c. 3/8 in
- d. both a & b

38. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies;

Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided

by or specified by the manufacturer or shall comply with the following as applicable:

- a. Screws shall be machine type with blunt ends
- b. Other fasteners shall have blunt ends
- c. Screws or other fasteners penetrating the wall of a conduit body shall be made flush with the conduit body interior
- d. all of the above

39. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable:

- a. Screws attaching a cover shall extend no more than 10 mm
- b. Screws attaching a cover shall extend no more than 5/8 in
- c. both a & b
- d. none of the above

40. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable: (4) Screws or other fasteners, other than in (3), penetrating a cover shall extend no more than _____.

- a. 8 mm
- b. 3/16 in
- c. both a & d
- d. 5/16

41. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable: (5) Screws or other fasteners penetrating a wall of a box exceeding 1650 CM³ (100 in.³) shall extend no more than _____.

- a. 6 mm
- b. 1/4 in
- c. 8 mm
- d. both a & b

42. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as

applicable: (5) or more than 11 mm (7/16 in.) if located within _____ of an adjacent box wall.

- a. 6 mm
- b. 3/8 in
- c. 10 mm
- d. both b & c

43. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable: (6) Screws or other fasteners penetrating the wall of a box not exceeding 1650 CM³ (100 in.³) and not covered in 314.23(B)(1) shall be made flush with the box _____.

- a. exterior
- b. side wall
- c. interior
- d. all of the above

44. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable: (7) Screws or other fasteners penetrating the wall of a conduit body shall be made flush with the conduit body _____.

- a. exterior
- b. side wall
- c. interior
- d. all of the above

45. Article 314 – Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings and Handhole Enclosures 314.5 Screws or Other Fasteners. Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable: Exception to (3) through (6): A screw shall be permitted to be longer if the end of the screw is protected with an _____ means.

- a. adequate
- b. approved
- c. appropriate
- d. all of the above

46. Article 314 Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures 314.24 Dimensions of Boxes.

(B) Depth of Outlet and Device Boxes with Enclosed Devices or Utilization Equipment. (4) Conductors 12 or 10 AWG. Boxes that enclose devices or

utilization equipment supplied by 12 or 10 AWG conductors shall have an internal depth that is not less than 30.2 mm (13/16 in.). Where the equipment projects rearward from the mounting plane of the box by more than 25 mm (1 in.), the box shall have a depth not less than that of the equipment plus 6 mm (1/4 in.). Where wiring enters the center portion of the rear of a box opposite to the equipment, the minimum clearance shall be _____ to 13 mm (1/2 in.).

- a. improved
- b. augmented
- c. increased
- d. none of the above

47. Article 314 Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures 314.24 Dimensions of Boxes. (C)

Clearances for Side-Wiring Entrances. Where devices or equipment are mounted in boxes having side-wiring entries, the conductors entering from the side shall be protected as covered in (1) or (2), as follows: (The term *side* applies to any wall of a box other than the one opposite to the opening).

- a. The rearward projection of the device or equipment shall not extend beyond the centerline of the wiring knockout or other entry.
- b. The clearance from the box wall to the installed device or equipment shall be not less than 13 mm.
- c. The clearance from the box wall to the installed device or equipment shall be not less than 1/2 in.
- d. all of the above

48. Article 334 Nonmetallic-Sheathed Cable: Types NM and NMC

334.15 Exposed Work. (B) Protection from Physical Damage. Cable shall be protected from physical damage where necessary by rigid metal conduit, intermediate metal conduit, electrical metallic tubing, Schedule 80 PVC conduit, RTRC marked with the suffix -XW, or other approved means. Where passing through a floor, the cable shall be enclosed in rigid metal conduit, intermediate metal conduit, electrical metallic tubing, Schedule 80 PVC conduit, RTRC marked with the suffix -XW, or other approved means extending at least 150 mm (6 in.) above the floor. _____ shall be provided with a bushing or adapter that provides protection from abrasion at the point the cable enters and exits the raceway.

- a. Conduit
- b. Tubing
- c. Pipe
- d. only a or b

49. 334.19 Cable Entries. The sheath on nonmetallic-sheathed cable shall extend not less than 6 mm (1/4 in.) beyond any _____.

- a. cable clamp

- b. cable entry
- c. cable exiting
- d. both a or b

50. 404.14 Rating and Use of Switches (D) Snap Switch Terminations. Snap switch terminations shall be in accordance with the following:

(1) Terminals of _____ snap switches not marked CO/ALR shall be used with copper and copper-clad aluminum conductors only.

- a. 15-ampere
- b. 20-ampere
- c. 30-ampere
- d. both a & b

51. 404.14 Rating and Use of Switches (D) Snap Switch Terminations. Snap switch terminations shall be in accordance with the following:

(2) Terminals marked CO/ALR shall be permitted to be used with _____ conductors.

- a. copper
- b. aluminum
- c. copper-clad aluminum
- d. all of the above

52. 404.14 Rating and Use of Switches (D) Snap Switch Terminations. Snap switch terminations shall be in accordance with the following:

(3) Snap switches connected using screwless terminals of the conductor push-in type construction (also known as conductor push-in terminals) shall be installed on not greater than ____-ampere branch circuits.

- a. 10
- b. 15
- c. 20
- d. 30

53. 404.14 Rating and Use of Switches (D) Snap Switch Terminations. Snap switch terminations shall be in accordance with the following:

Snap switches connected using screwless terminals of the conductor push-in type construction (also known as conductor push-in terminals) shall be connected with ____ AWG solid copper wire only unless listed and marked for other types of conductors.

- a. 16
- b. 14
- c. 12
- d. 10

54. 404.14 Rating and Use of Switches (D) Snap Switch Terminations. Snap switch terminations shall be in accordance with the following:

Snap switches connected using screwless terminals of the conductor push-in type construction (also known as conductor push-in terminals) could be connected with other wiring methods only if _____ for other types of conductors.

- a. listed
- b. approved
- c. marked
- d. both a & c

55. 406.3 Receptacle Rating and Type. (D) Receptacle Terminations.

Receptacle terminations shall be in accordance with the following:

(1) Terminals of 15-ampere and 20-ampere receptacles not marked CO/ALR shall be used with _____ conductors only.

- a. copper
- b. copper-clad aluminum
- c. aluminum
- d. both a & b

56. 406.3 Receptacle Rating and Type. (D) Receptacle Terminations.

Receptacle terminations shall be in accordance with the following: (2) Terminals marked CO/ALR shall be permitted to be used with _____ conductors.

- a. aluminum
- b. copper
- c. copper-clad aluminum
- d. all of the above

57. 406.3 Receptacle Rating and Type. (D) Receptacle Terminations.

Receptacle terminations shall be in accordance with the following: (3)

Receptacles installed using screwless terminals of the conductor push-in type construction (also known as *push-in-terminals*) shall be installed on not greater than _____-ampere branch circuits.

- a. 15
- b. 20
- c. 30
- d. 25

58. 406.3 Receptacle Rating and Type. (D) Receptacle Terminations.

Receptacle terminations shall be in accordance with the following: (3)

Receptacles installed using screwless terminals of the conductor push-in type construction (also known as *push-in-terminals*) shall be connected with _____ AWG solid copper wire only unless listed and marked for other types of conductors.

- a. 10
- b. 12
- c. 14
- d. all of the above

59. Informational Note: See UL 498, *Attachment Plugs and Receptacles*, for information regarding screwless terminals of various type constructions employed on receptacles. Screwless terminals of the separable-terminal assembly, spring-action clamp, and insulation-displacement type constructions are not classified in UL ____ as screwless terminals of the conductor push-in type construction (also known as push-in terminals).

- a. 488
- b. 498
- c. 489
- d. none of the above

60. 406.4 General Installation Requirements. (G) Protection of Floor Receptacles. Protection for floor receptacles shall be in accordance with the following:

- a. Physical protection of floor receptacles shall allow floor-cleaning equipment to be operated without damage to receptacles.
- b. All 125-volt, single-phase, 15- and 20-ampere floor receptacles installed in food courts and waiting spaces of passenger transportation facilities where food or drinks are allowed shall be GFCI protected.
- c. both a & b
- d. none of the above

61. 406.6 Receptacle Faceplates (Cover Plates). (D) Receptacle Faceplate (Cover Plates) with Integral Night Light and/or USB Charger. A flush device cover plate that additionally provides a night light and/or Class 2 output connector(s) shall be listed and constructed such that the night light and/or Class 2 circuitry is integral with the flush device cover plate.

Listed receptacle faceplates with integral night light, USB charger, or both, that rely solely on spring-tensioned contacts shall be connected to only _____ receptacle terminal screws.

- a. brass
- b. copper alloy
- c. only a
- d. both a or b

62. 406.6 Receptacle Faceplates (Cover Plates). (D) Receptacle Faceplate (Cover Plates) with Integral Night Light and/or USB Charger. A flush device cover plate that additionally provides a night light and/or Class 2 output connector(s) shall be listed and constructed such that the night light and/or Class 2 circuitry is integral with the flush device cover plate.

Listed receptacle faceplates with integral night light, USB charger, or both, that rely solely on spring-tensioned contacts shall be rated ____ watt or less.

- a. 1
- b. 2

c. 3

d. 4

63. 406.6 Receptacle Faceplates (Cover Plates). Exception: Effective January 1, 2026, spring-tensioned contact connections to steel receptacle terminal screws shall be permitted if the receptacle faceplate is specifically _____ for connection to steel receptacle terminal screws.

a. listed

b. identified

c. both a & b

d. both a or b

64. 406.9 Receptacles in Damp or Wet Locations. (A) Damp Locations. Hinged covers of outlet box hoods shall be able to open at least _____ degrees, or fully open if the cover is not designed to open 90 degrees from the closed to open position, after installation.

a. 75

b. 90

c. 125

d. 180

65. 406.9 Receptacles in Damp or Wet Locations. (A) Damp Locations. Informational Note: See ANSI/NEMA_____, Wiring Devices — Dimensional Specifications, for the types of receptacles covered by this requirement.

a. WD 5–2016

b. WD 6–2016

c. WD 7–2016

d. WD 8–2016

66. 406.9 Receptacles in Damp or Wet Locations. (B) Wet Locations. Other listed products, enclosures, or assemblies providing weatherproof protection that do not utilize an outlet box hood need not be _____ extra duty.

a. listed

b. identified

c. both a & b

d. both a or b

67. 406.9 Receptacles in Damp or Wet Locations. (B) Wet Locations. Hinged covers of outlet box hoods shall be able to open at least 90 degrees, or fully open if the cover is not designed to open _____ degrees from the closed to open position, after installation.

a. 75

b. 90

c. 125

d. 180

68. 406.9 Receptacles in Damp or Wet Locations. (B) Wet Locations. Informational Note No. 1: See ANSI/UL 514D–2016, Cover Plates for Flush-Mounted Wiring Devices, for extra-duty outlet box hoods. “_____” identification and requirements are not applicable to listed receptacles, faceplates, outlet boxes, enclosures, or assemblies that are identified as either being suitable for wet locations or rated as one of the outdoor enclosure–type numbers of Table 110.28 that does not utilize an outlet box hood.

- a. Heavy duty
- b. Extra duty
- c. Medium duty
- d. Light duty

69. 406.9 Receptacles in Damp or Wet Locations. (B) Wet Locations. Informational Note No. 2: See ANSI/NEMA WD 6–2016, Wiring Devices — Dimensional Specifications, for receptacle configurations. The configuration of weather-resistant receptacles covered by this requirement are identified as ____.

- a. 5-15, 5-20
- b. 6-15, 6-20
- c. both a & b
- d. both a or b

70. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Receptacles shall not be installed inside of the tub or shower or within a zone measured _____ horizontally from any outside edge of the bathtub or shower stall.

- a. 900 mm
- b. 3 ft
- c. both a & b
- d. none of the above

71. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Receptacles shall not be installed inside of the tub or shower including the space outside the bathtub or shower stall space _____ the zone.

- a. above
- b. out of
- c. next to
- d. below

72. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. The identified zone is all-encompassing and shall include the space directly over the bathtub or shower stall and the space below this zone, but not the space separated by a _____.

- a. floor
- b. wall
- c. ceiling

d. all of the above

73. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. The identified zone is all-encompassing and shall include the space directly over the bathtub or shower stall and the space below this zone, but not the space separated by a _____.

- a. room door
- b. window
- c. fixed barrier
- d. all of the above

74. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Exception No. 1: Receptacles installed in accordance with _____ shall be permitted.

- a. 680.72
- b. 680.73
- c. 681.73
- d. 680.83

75. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Exception No. 2: In bathrooms with less than the required zone, the receptacle(s) required by 210.52(D) shall be permitted to be installed opposite the bathtub rim or shower stall threshold on the farthest wall within the room.

- a. 210.52(A)
- b. 210.52(B)
- c. 210.52(C)
- d. 210.52(D)

76. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Exception No. 3: Weight supporting ceiling receptacles (WSCR) shall be permitted to be installed for _____ luminaires that employ a weight supporting attachment fitting (WSAF) in damp locations complying with 410.10(D).

- a. identified
- b. listed
- c. both a & b
- d. both a or b

77. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Exception No. 4: In a dwelling unit, a single receptacle shall be permitted for an _____ such as an electronic bidet seat. The receptacle shall be readily accessible and not located in the space between the toilet and the bathtub or shower.

- a. electronic toilet
- b. personal hygiene device
- c. neither a & b
- d. both a or b

78. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Exception No. 4: The receptacle shall be readily accessible and not located in the space between the toilet and the_____.

- a. bathtub
- b. shower
- c. both a & b
- d. both a or b

79. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Informational Note No. 2: See _____ for bathroom branch circuits.

- a. 210.11(A)
- b. 210.11(B)
- c. 210.11(C)
- d. 210.11(D)

80. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Informational Note No. 1: See 210.8(A)(1) for _____ requirements in a bathroom.

- a. GFCI
- b. AFCI
- c. both a & b
- d. both a or b

81. 406.9 Receptacles in Damp or Wet Locations. (C) Bathtub and Shower Space. Informational Note No. 3: See 210.21(B)(1) for single receptacle on _____ branch.

- a. a multi
- b. an individual
- c. both a & b
- d. both a or b

82. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles:

- a. dwelling units
- b. mobile homes
- c. manufactured homes
- d. all of the above

83. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles:

- a. boathouses
- b. attached garages
- c. detached garages
- d. all of the above

84. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: (5) Within clinics, medical and dental offices, and outpatient facilities, the following spaces:

- a. Business offices accessible to the general public
- b. Lobbies and waiting spaces
- c. Spaces of nursing homes and limited care facilities covered in 517.10(B)(2)
- d. all of the above

85. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: (6) Places of _____.

- a. awaiting transportation & gymnasiums
- b. skating rinks & fitness centers
- c. auditoriums
- d. all of the above

86. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: (8) _____.

- a. Residential care/assisted living facilities
- b. social and substance abuse rehabilitation facilities
- c. group homes
- d. all of the above

87. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: (9) _____.

- a. Foster care facilities
- b. nursing homes
- c. psychiatric hospitals
- d. all of the above

88. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: (10) Areas of agricultural buildings accessible to the _____.

- a. general public
- b. any common areas
- c. both a & b
- d. both a or b

89. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: Informational Note No. 2: See _____ for more

information on occupancy classifications for the types of facilities covered by this requirement.

- a. NFPA 5000-2021
- b. Building Construction and Safety Code
- c. International Building Code
- d. all of the above

90. 406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: Informational Note No. 3: Areas of agricultural building are frequently converted to hospitality areas. These areas can include _____ where receptacles are installed.

- a. petting zoos
- c. stables
- c. buildings used for recreation or educational purposes
- d. all of the above

2023 NEC Changes Part 2-Quiz Answer Sheet

1	a b c d	31	a b c d	61	a b c d
2	a b c d	32	a b c d	62	a b c d
3	a b c d	33	a b c d	63	a b c d
4	a b c d	34	a b c d	64	a b c d
5	a b c d	35	a b c d	65	a b c d
6	a b c d	36	a b c d	66	a b c d
7	a b c d	37	a b c d	67	a b c d
8	a b c d	38	a b c d	68	a b c d
9	a b c d	39	a b c d	69	a b c d
10	a b c d	40	a b c d	70	a b c d
11	a b c d	41	a b c d	71	a b c d
12	a b c d	42	a b c d	72	a b c d
13	a b c d	43	a b c d	73	a b c d
14	a b c d	44	a b c d	74	a b c d
15	a b c d	45	a b c d	75	a b c d
16	a b c d	46	a b c d	76	a b c d
17	a b c d	47	a b c d	77	a b c d
18	a b c d	48	a b c d	78	a b c d
19	a b c d	49	a b c d	79	a b c d
20	a b c d	50	a b c d	80	a b c d
21	a b c d	51	a b c d	81	a b c d
22	a b c d	52	a b c d	82	a b c d
23	a b c d	53	a b c d	83	a b c d
24	a b c d	54	a b c d	84	a b c d
25	a b c d	55	a b c d	85	a b c d
26	a b c d	56	a b c d	86	a b c d
27	a b c d	57	a b c d	87	a b c d
28	a b c d	58	a b c d	88	a b c d
29	a b c d	59	a b c d	89	a b c d
30	a b c d	60	a b c d	90	a b c d

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