

Instructions:

Fee \$25

1. Print these pages.
2. Circle the correct answers and transfer them to the [answer sheet](#).
3. Page down to the last page for the [verification forms](#) and mailing instructions.
4. Use the 2014 & 2011 NEC as your reference materials & search for the grey code change areas.
5. All questions are listed in straight order (not random order) throughout the complete quiz.

Course: 16995 2014 NEC Changes PART 7

This course is valid for these credentials:

Credential Description	Cred Code	Credit Hours
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

2014 NEC Changes Part 7

1. 680.26 Equipotential Bonding (C) Pool Water. Where none of the bonded parts is in direct connection with the pool water, the pool water shall be in direct contact with _____ corrosion resistant conductive bonded parts.
 - a. a listed
 - b. a marked
 - c. an identified
 - d. an approved
2. 680.26 Equipotential Bonding (C) Pool Water. The above question "bonding parts" surface shall expose not less than _____ of surface area to the pool water at all times.
 - a. 5800 mm²
 - b. 9 sq. in.
 - c. both a & b
 - d. none of the above
3. 680.26 Equipotential Bonding (C) Pool Water. The conductive surface shall be located where it is not exposed to _____ during usual pool activities.
 - a. physical damage
 - b. dislodgement
 - c. both a & b
 - d. none of the above
4. 680.26 Equipotential Bonding (C) Pool Water. The conductive surface shall be bonded in accordance with _____.
 - a. 680.26(A)
 - b. 680.26(B)
 - c. 680.26(C)
 - d. 680.26(D)
5. 680.26 Equipotential Bonding (C) Pool Water. The requirement for "bonding" of pool water has been _____.
 - a. relocated
 - b. deleted
 - c. created
 - d. revised

6. 680.26 Equipotential Bonding (C) Pool Water. This bonding can be accomplished with any of the bonded metal parts that are required to be bonded to the equipotential bonding grid of the pool such as _____.
- metal ladders
 - conductive underwater luminaire housing shells
 - non- conductive underwater luminaire housing shells
 - both a & b
7. 680.26 Equipotential Bonding (C) Pool Water. A simple method to achieve this connection or bonding from the pool water to the equipotential bonding grid of the pool is through the installation of a short, bonded metal nipple in the drain piping system.
- true
 - false
8. 680.26 Equipotential Bonding (C) Pool Water. A bonded metal nipple in the drain piping system would not be generally _____ for this purpose, but could be "an approved corrosion-resistant conductive surface that exposes not less-than 9sq. in. of surface area to the pool water at all times."
- listed
 - marked
 - identified
 - approved
9. 680.42 Outdoor Installations. A spa or hot tub installed outdoors shall comply with the provisions of _____ of this article, except as permitted in 680.42(A) and (B), that would otherwise apply to pools installed outdoors.
- Parts I
 - Parts II
 - Part I-III
 - both a & b
10. 680.42 Outdoor Installations. (B) Bonding. Bonding by metal to metal mounting on a common frame or base _____ be permitted.
- shall not
 - shall
 - may not
 - may
11. 680.42 Outdoor Installations. (B) Bonding. The metal bands or hoops used to secure wooden staves _____ be required to be bonded as required in 680.26.
- shall not
 - shall
 - may not
 - may
12. 680.42 Outdoor Installations. (B) Bonding. Equipotential bonding of perimeter surfaces in accordance with 680,26(B)(2) _____ be required to be provided for spas and hot tubs where all conditions 1-4 apply.
- shall not
 - shall
 - may not
 - may
- 13 680.42 Outdoor Installations. (B) Bonding. Equipotential bonding of perimeter surfaces in accordance with 680,26(B)(2) shall not be required to be provided for spas and hot tubs where all of the following conditions apply:
- The spa or hot tub shall be listed as a self-contained spa for above or inground use.
 - The spa or hot tub shall not be identified as suitable only for in or outdoor use.
 - both a & b
 - none of the above
14. 680.42 Outdoor Installations. (B) Bonding. 680.42 Outdoor Installations. (B) Bonding. Equipotential bonding of perimeter surfaces in accordance with 680.26(B)(2) shall not be required to be provided for spas and hot tubs where all of the following conditions apply:
- The installation shall be in accordance with the manufacturer's recommendations
 - The installation shall be located at or below grade.

- c. both a & b
 - d. none of the above
15. 680.42 Outdoor Installations. (B) Bonding. 680.42 Outdoor Installations. (B) Bonding. Equipotential bonding of perimeter surfaces in accordance with 680.26(B)(2) shall not be required to be provided for spas and hot tubs where all of the following conditions apply:
- a. The top rim of the spa or hot tub shall be at least 71 cm (28 in.) above all perimeter surfaces that are within 76 cm (30 in.) measured horizontally from the spa or hot tub.
 - b. The height of conductive external steps for entry to or exit from the self-contained spa shall be used to reduce or decrease this rim height measurement.
 - c. both a & b
 - d. none of the above
16. 680.42 Outdoor Installations. (B) Bonding. Informational Note: For information regarding listing requirements for self-contained spas and hot tubs, see ANSI/UL 1563 - 2010, Standard for _____.
- a. Electric Spas
 - b. Equipment Assemblies
 - c. Associated Equipment
 - d. all of the above
17. 680.57 Signs (A) General. This section covers electric signs installed within a fountain or within 3.0 m (10 ft.) of the fountain _____.
- a. perimeter
 - d. wall
 - c. edge
 - d. all of the above
18. 680.57 Signs (B) Ground-Fault Circuit-interrupter Protection for Personnel. Branch circuits or feeders supplying the sign shall have _____ protection for personnel.
- a. ground-fault circuit-interrupter
 - b. arch-fault circuit-interrupter
 - c. combination ground-fault circuit-interrupter & arch-fault circuit-interrupter
 - d. all of the above
19. 680.57 Signs. This subsection was revised to clarify that the required GFCI protection for fountain signs had to be provided in either the supplying the sign, but not both.
- a. branch circuit
 - b. feeder
 - c. both a & b
 - d. none of the above
20. 690.2 Definitions. A device installed in the PV source circuit or PV output circuit that can provide an output dc voltage and current at a higher or lower value than the input dc voltage and current defines _____.
- a. DC to DC Converter
 - b. Direct Current (dc) Combiner
 - c. Combiner Box
 - d. none of the above
21. 690.2 Definitions. A device used in the PV source and PV output circuits to combine two or more dc circuit inputs and provide one dc circuit output defines _____.
- a. DC to DC Converter
 - b. Direct Current (dc) Combiner
 - c. Combiner Box
 - d. none of the above
22. Two new definitions were _____ to define two terms being used in quite a few locations in Article 690. DC to DC converter is a device that can be installed in either the PV source circuit or PV output circuit that can provide an output dc voltage and current at a higher or lower value than the input dc voltage and current.
- a. relocated
 - b. deleted
 - c. added
 - d. revised

23. 690.2 Definitions. A direct current (dc) combiner is a device used in the PV source and PV output circuits to combine two or more dc circuit inputs to provide one dc circuit output.

- a. true
- b. false

24. 690.5 Ground-Fault Protection. Grounded dc PV arrays shall be provided with dc ground-fault protection meeting the requirements of 690.5(A) through (C) to reduce _____ hazards.

- a. shock
- b. fire
- c. shutter
- d. short circuit

25. 690.5 Ground-Fault Protection. _____ dc PV arrays shall comply with 690.35.

- a. Grounded
- b. Ungrounded
- c. both a & b
- d. none of the above

26. 690.5 Ground-Fault Protection. Exception: Ground-mounted or pole-mounted PV arrays with not more than two paralleled source circuits and with all dc source and dc output circuits isolated from buildings _____ permitted without ground-fault protection.

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

27. 690.5 Ground-Fault Protection. Exception 2 was _____.

- a. relocated
- b. deleted
- c. added
- d. revised

28. 690.5 Ground-Fault Protection. (A) Ground-Fault Detection and Interruption. The ground-fault protection device or system shall: (1) Be capable of detecting a ground-fault in the PV array _____, including any intentionally grounded conductors,

- a. dc current carrying conductors
- b. dc current carrying components
- c. ac or dc current carrying conductors
- d. both a & b

29. 690.5 Ground-Fault Protection. (A) Ground-Fault Detection and Interruption. The ground-fault protection device or system shall:

- a. Provide an indication of the fault
- b. Interrupt the flow of fault current
- c. both a & b
- d. none of the above

30. 690.5 Ground-Fault Protection. (A) Ground-Fault Detection and Interruption. The ground-fault protection device or system shall: (4) Be _____ for providing PV ground-fault protection.

- a. listed
- b. marked
- c. identified
- d. approved

31. 690.5 Ground-Fault Protection. (A) Ground-Fault Detection and Interruption. The ground-fault protection device or system shall: (4) _____ opening the grounded conductor for measurement purposes or to interrupt the ground-fault current path shall be permitted.

- a. Manually
- b. Independently
- c. Automatically
- d. Simultaneously

32. 690.5 Ground-Fault Protection. (A) Ground-Fault Detection and Interruption. The ground-fault protection device or system shall: (4) If a grounded conductor is opened to interrupt the ground-fault current path, all conductors of the faulted circuit shall be _____ opened.

- a. Manually
- b. Simultaneously
- c. Automatically
- d. both b & c

33. 690.5 Ground-Fault Protection. (A) Ground-Fault Detection and Interruption. The ground-fault protection device or system shall: (4) _____ operation of the main PV dc disconnect shall not activate the ground-fault protection device or result in grounded conductors becoming ungrounded.

- a. Manual
- b. Simultaneous
- c. Automatic
- d. both b & c

34. 690.7 Maximum Voltage (F) Disconnects and Overcurrent Protection. Where energy storage device output conductor _____ the installation shall comply with (1) through (5):

- a. length exceeds 1.5 m (5 ft.)
- b. circuits pass through a wall or partition
- c. circuits pass through a partition
- d. all of the above

35. 690.7 Maximum Voltage (F) Disconnects and Overcurrent Protection. Where energy storage device output conductor length exceeds 1.5m (5 ft.), or where the circuits pass through a wall or partition the installation shall comply with (1) through (5): (1) A disconnecting means and overcurrent protection shall be provided at the energy storage device end of the circuit. _____ are acceptable.

- a. Fused disconnecting means
- b. Circuit breakers
- c. both a & b
- d. none of the above

36. 690.7 Maximum Voltage (F) Disconnects and Overcurrent Protection. Where energy storage device output conductor length exceeds 1.5m (5 ft.), or where the circuits pass through a wall or partition the installation shall comply with (1) through (5): (2) Where fused disconnecting means are used, the "_____" terminals of the disconnecting means shall be connected toward the energy storage device terminals.

- a. Line
- b. Load
- c. both a & b
- d. none of the above

37. 690.7 Maximum Voltage (F) Disconnects and Overcurrent Protection. Where energy storage device output conductor length exceeds 1.5m (5 ft.), or where the circuits pass through a wall or partition the installation shall comply with (1) through (5): (3) Overcurrent devices or disconnecting means shall not be installed in energy storage device enclosures where _____ atmospheres can exist.

- a. wet
- b. damp
- c. explosive
- d. corrosive

38. 690.7 Maximum Voltage (F) Disconnects and Overcurrent Protection. Where energy storage device output conductor length exceeds 1.5m (5 ft.), or where the circuits pass through a wall or partition the installation shall comply with (1) through (5): (4) A second disconnecting means located at the connected equipment shall be installed where the disconnecting means required by _____ is not within sight of the connected equipment.

- a. (1)
- b. (2)
- c. (3)

d. (4)

39. 690.7 Maximum Voltage (F) Disconnects and Overcurrent Protection. Where energy storage device output conductor length exceeds 1.5m (5 ft.), or where the circuits pass through a wall or partition the installation shall comply with (1) through (5): (5) Where the energy storage device disconnecting means is not within sight of the PV system ac and dc disconnecting means, _____ shall be installed at the locations of all disconnecting means indicating the location of all disconnecting means.

- a. placards
- b. directories
- c. notifications
- d. both a & b

40. 690.7 Where energy storage device output conductor length exceeds 1.5 m (5 ft.), or where the circuits pass through a wall or partition, the installation is now required to comply with five specific provisions added to the 2014 NEC.

- a. true
- b. false

41. 690.9 Overcurrent Protection. This section for "Overcurrent Protection" was _____ for clarity.

- a. relocated
- b. deleted
- c. added
- d. revised

42. 690.9 Overcurrent Protection. Included sections are _____.

- a. (D) Photovoltaic Source and Output Circuits.
- b. (E) Series Overcurrent Protection.
- c. (F) Power Transformers.
- d. all of the above

43. 690.9 Overcurrent Protection. Included sections are _____.

- a. (A) Circuits and Equipment
- b. (B) Power Transformers
- c. (C) Photovoltaic Source Circuit
- d. all of the above

44. 690.10 Stand-Alone Systems. The requirement for a utility-interactive system to have its back-fed circuit breakers secured in place by an additional fastener was _____ from 690.10(E).

- a. relocated
- b. removed
- c. added
- d. revised

45. 690.10 Stand-Alone Systems. Multimode inverter output in stand-alone systems was _____ to the requirement.

- a. relocated
- b. deleted
- c. added
- d. revised

46. 690.10 Stand-Alone Systems. The promises wiring system shall be adequate to meet the requirements of this Code for a similar installation connected to a service. The wiring on the supply side of the building or structure disconnecting means shall comply with the requirements of this Code, _____ as modified by 690.10(A) through (E).

- a. including
- b. except
- c. both a & b
- d. none of the above

47. 690.10 Stand-Alone Systems. (E) Back-fed Circuit Breakers. Plug-in type back-fed circuit breakers connected to a _____ inverter output in stand-alone systems shall be secured in accordance with 408.36(D).

- a. stand-alone
- b. multimode

- c. both a & b
 - d. none of the above
48. 690.10 Stand-Alone Systems. (E) Back-fed Circuit Breakers. Circuit breakers that are marked "line" and "load" _____ be back-fed.
- a. are allowed to
 - b. shall not
 - c. shall
 - d. none of the above
49. A new 690.12 entitled "Rapid Shutdown of PV Systems on Buildings" was _____.
- a. relocated
 - b. removed
 - c. added
 - d. revised
50. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed _____ buildings shall include a rapid shutdown function that controls specific conductors.
- a. on
 - b. in
 - c. next to
 - d. both a & b
51. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(1) through (5) as follows. (1) Requirements for controlled conductors shall apply only to PV system conductors of more than _____ in length inside a building.
- a. 1.5 m
 - b. 5 ft.
 - c. both a & b
 - d. none of the above
51. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(1) through (5) as follows. (1) Requirements for controlled conductors shall apply only to PV system conductors of more than _____ from a PV array.
- a. 1.5 m
 - b. 5 ft.
 - c. both a & b
 - d. none of the above
53. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(1) through (5) as follows. (2) Controlled conductors shall be limited to not more than 30 volts and 240 VA within ___ seconds of rapid shutdown initiation.
- a. 5
 - b. 10
 - c. 15
 - d. 20
54. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(1) through (5) as follows. (3) _____ shall be measured between any two conductors and between any conductor and ground.
- a. Voltage
 - b. Power
 - c. both a & b
 - d. none of the above
55. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(1) through (5) as follows. (4) The rapid shutdown initiation methods shall be _____ in accordance with 690.56(B).

- a. listed
- b. identified
- c. approved
- d. labeled

56. 690.12 Rapid Shutdown of PV Systems on Buildings. PV system circuits installed on or in buildings shall include a rapid shutdown function that controls specific conductors in accordance with 690.12(1) through (5) as follows. (5) Equipment that performs the rapid shutdown shall be _____.

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

57. Section 690.31 was _____ and reorganized to incorporate various wiring method provisions from previous 690.4 and 690.14.

- a. relocated
- b. removed
- c. added
- d. revised

58. 690.31 Methods Permitted. This section includes _____.

- a. (A) Wiring Systems.
- b. (B) Identification and Grouping.
- c. (C) Single-Conductor Cable.
- d. all of the above

59. 690.31 Methods Permitted. This section includes _____.

- a. (D) Multiconductor Cable.
- b. Table 690.31 (E) Correction Factors.
- c. (G) Direct-Current Photovoltaic Source and DC Output Circuits On or Inside a Building.
- d. all of the above

60. 90.31 Methods Permitted. This section includes _____.

- a. (I) Bipolar Photovoltaic Systems.
- b. (J) Module Connection Arrangement.
- c. both a & b
- d. none of the above

61. 690.35 Ungrounded Photovoltaic Power Systems. Photovoltaic power systems shall be permitted to operate with _____ PV source and output circuits where the system complies with 690.35(A) through (G).

- a. ground
- b. ungrounded
- c. both a & b
- d. none of the above

62. 690.35 Ungrounded Photovoltaic Power Systems. The same GFP provisions for ungrounded PV power systems from the 2011 NEC were brought forward with one modification and a _____ provision for the GFP device or system to be listed for providing PV ground-fault protection.

- a. relocated
- b. removed
- c. new
- d. none of the above

63. 690.35 Ungrounded Photovoltaic Power Systems. Photovoltaic power systems shall be permitted to operate with ungrounded PV source and output circuits where the system complies with 690.35(A) through (G). (C) Ground-Fault Protection. All _____ shall be provided with a ground-fault protection device or system.

- a. photovoltaic source
- b. output circuits
- c. both a & b
- d. none of the above

64. 690.35 Ungrounded Photovoltaic Power Systems. (C) Ground-Fault Protection. All photovoltaic source and output circuits shall be provided with a ground-fault protection device or system that complies with:

- a. Detects a ground fault(s) in the PV array dc current carrying conductors and components.
 - b. Indicates that a ground fault has occurred.
 - c. both a & b
 - d. none of the above
65. 690.35 Ungrounded Photovoltaic Power Systems. (C) Ground-Fault Protection. All photovoltaic source and output circuits shall be provided with a ground-fault protection device or system that complies with:
- a. Manually disconnects some conductors or causes the inverter or charge controller connected to the faulted circuit to manually cease supplying power to output circuits
 - b. Be mark or identified for providing PV ground fault protection.
 - c. both a & b
 - d. none of the above
66. 690.41 System Grounding Photovoltaic systems shall comply with one of the following:
- a. Ungrounded systems shall comply with 690.35
 - b. Grounded 2-wire systems
 - c. shall have one conductor grounded or be impedance grounded, and the system shall comply with 690.5
 - c. both a & b
 - d. none of the above
67. 690.41 System Grounding Photovoltaic systems shall comply with one of the following:
- a. Grounded bipolar systems shall have the reference (top or bottom tap) conductor or be impedance ungrounded, and the system shall comply with 790.5.
 - b. Other methods that accomplish equivalent system protection in accordance with 250.4(A) with equipment marked and verified for the use.
 - c. both a & b
 - d. none of the above
68. 690.41 System Grounding Photovoltaic systems. Exception: Systems complying with _____.
- a. 690.25
 - b. 690.35
 - c. 690.45
 - d. none of the above
69. 690.41 System Grounding Photovoltaic systems. This section for "System Grounding" was _____ into a list format for clarity.
- a. relocated
 - b. removed
 - c. added
 - d. revised
70. The reference to "over 50" volts was _____ since the list now includes all types of PV systems at any voltage.
- a. relocated
 - b. deleted
 - c. added
 - d. revised
71. 690.47 Grounding Electrode System. (D) Additional Auxiliary Electrodes for Array Grounding. A grounding electrode shall be installed in accordance with 250.52 and 250.54 at the location of all _____ mounted photovoltaic arrays
- a. ground
 - b. pole
 - c. both a & b
 - d. none of the above
72. 690.47 Grounding Electrode System. (D) Additional Auxiliary Electrodes for Array Grounding. A grounding electrode shall be installed in accordance with 250.52 and 250.54 as close as practicable to the location of _____ photovoltaic arrays.
- a. ground
 - b. pole

- c. roof-mounted
 - d. none of the above
73. 690.47 Grounding Electrode System. Requirements for auxiliary grounding electrodes and 250.54 were _____ to the 2014 NEC that did not appear in the previous 2008 NEC.
- a. relocated
 - b. deleted
 - c. added
 - d. removed
74. 690.47 Grounding Electrode System. These grounding electrodes are required to be connected directly to the array frame(s) or structure.
- a. true
 - b. false
75. 690.47 Grounding Electrode System. Exception No. 1: Array grounding electrode(s) _____ be required where the load served by the array is integral with the array.
- a. are allowed to
 - b. shall not
 - c. shall
 - d. none of the above
76. 690.47 Grounding Electrode System. Exception No.2: Additional array grounding electrode(s) _____ be required if located within 1.8 in (6 ft.) of the premises wiring electrode.
- a. are allowed to
 - b. shall not
 - c. shall
 - d. none of the above
77. 690.81 Listing. Products listed for photovoltaic systems shall be permitted to be used and installed in accordance with their _____.
- a. listing
 - b. identification
 - c. approval
 - d. labeling
78. 690.81 Listing. Photovoltaic wire that is _____ for direct burial at voltages above 600 volts but not exceeding 2000 volts shall be installed in accordance with Table 300.50, Column 1.
- a. listed
 - b. identified
 - c. approved
 - d. labeled
79. 690.81 Listing. New 690.81 was _____ for listing requirements for PV wire used with systems over 600 volts but not exceeding 2000 volts.
- a. relocated
 - b. deleted
 - c. added
 - d. removed
80. 690.81 Listing. This listing requirement did not exist in the _____ NEC.
- a. 2011
 - b. 2014
 - c. both a & b
 - d. none of the above
81. Article 694 Wind Electric Systems. 694.1 Scope. The provisions of this article apply to wind (turbine) electric systems that consist of _____ wind electric generators
- a. one or less
 - b. one or more
 - c. both a & b
 - d. none of the above
82. Article 694 Wind Electric Systems. 694.1 Scope. These systems can include _____, and controllers.

- a. generators
- b. alternators
- c. inverters
- d. all of the above

83. Article 694 Wind Electric Systems. This article is no longer limited to wind (turbine) electric systems rated _____.

- a. 100 kW
- b. less than 100 kW
- c. both a & b
- d. none of the above

84. Article 694 Wind Electric Systems. The title, scope and appropriate text throughout Article 694 were revised by removing the word " _____ " leaving the subject of the article simply "Wind Electric Systems."

- a. large
- b. medium
- c. small
- d. all of the above

85. Article 694 Wind Electric Systems. Informational Note: Wind electric systems can be _____ with other electrical power production sources or might be stand-alone systems.

- a. cooperative
- b. communicating
- c. interactive
- d. none of the above

86. Article 694 Wind Electric Systems. Informational Note: Wind electric systems can have ac or dc output, with or without electrical energy storage, such as _____.

- a. strings
- b. batteries
- c. arrays
- d. none of the above

87. 700.8 Surge Protection. (Emergency Systems). A _____ SPD shall be installed in or on all emergency systems switchboards and panelboards.

- a. listed
- b. identified
- c. approved
- d. labeled

88. A new 700.8 was _____ requiring a listed surge protective device (SPD) in or on all emergency systems switchboards and panelboards.

- a. relocated
- b. deleted
- c. added
- d. removed

89. 700.8 Surge Protection. Surge protection devices were not required for emergency systems in the _____ NEC.

- a. 2011
- b. 2008
- c. 2005
- d. all of the above

90. 700.8 Surge Protection. There are _____ types of SPDs that are described in the Article 100 definitions.

- a. 1
- b. 4
- c. 6
- d. 8

2014 NEC Changes Part 7-Quiz Answer Sheet

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

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2. Fill out this form below completely.
3. Applicable fees by check payable to Gary Klinka.
4. Mail to: Gary Klinka at 228 Mandella Ct Neenah WI 54956.

Office: 920-727-9200 Fax: 888-727-5704 Cell: 920-740-4119 or 740-6723 aklinka@hotmail.com

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Course Title and Name 2014 NEC Changes Part 7 Course ID# 16995

List the name of each credential held by attendee _____

_____ Credited 3 hrs

Email address _____

Fax# _____ Course Fee \$25

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Attendee passed the course with a greater than 70% score on date _____

Instructor's signature _____