

**GEOGRAPHIC INFORMATION SYSTEMS
GEOGRAPHIC INFORMATION CENTER
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***** EXAMINATION *****

APPLIANCES ACCORDING TO THE 2005 NATIONAL ELECTRICAL CODE

1. **Appliances shall have no live parts exposed to contact except**
 - a) receptacles
 - b) heating elements
 - c) conductors
 - d) All of the above

2. **Infrared lamp commercial and industrial heating appliances shall have**
 - a) overcurrent protection not exceeding 30 amperes
 - b) overcurrent protection not exceeding 50 amperes
 - c) overcurrent protection not exceeding 70 amperes
 - d) overcurrent protection not exceeding 90 amperes

3. **The supplementary overcurrent protective devices shall be**
 - a) factory-installed within the heater enclosure
 - b) accessible
 - c) suitable for branch-circuit protection
 - d) All of the above

4. **A fixed storage-type water heater shall be considered a continuous load if**
 - a) it has a capacity of 120 gallons or less
 - b) it has a capacity of 160 gallons or less
 - c) it has a capacity of 200 gallons or less
 - d) it has a capacity of 240 gallons or less

5. **The ampacity of the connecting conductors of central vacuum outlets shall**
 - a) be equal to the branch circuit conductors to which they are connected
 - b) be less than the branch circuit conductors to which they are connected
 - c) be more than the branch circuit conductors to which they are connected
 - d) Any of the above is acceptable

6. **Where the central vacuum outlet assembly has non-current-carrying**
 - a) accessible metal parts, an exterior grounding conductor shall be used
 - b) accessible metal parts, an interior grounding conductor shall be used
 - c) accessible metal parts, an equipment ground conductor shall be used
 - d) Any of the above

7. **Where not cabled in a listed assembly, pendant conductors**
 - a) to facilitate their frequent interchange
 - b) to prevent the transmission of noise
 - c) to prevent the transmission of vibration
 - d) Any of the above
8. **The receptacle of a electrically operated kitchen waste disposal should be**
 - a) a type four plug accessible
 - b) a type three plug accessible
 - c) accessible
 - d) Any of the above
9. **The flexible cord of a built-in dishwashers shall**
 - a) be terminated with a grounding-type attachment plug
 - b) be terminated with a type three plug
 - c) be terminated with a type four plug
 - d) Any of the above
10. **A cord with a plug can be used in a wall-mounted oven for**
 - a) preventing fires
 - b) ease in servicing
 - c) cleaning
 - d) Any of the above
11. **The length of cords for range hoods should not exceed**
 - a) 18 inches
 - b) 36 inches
 - c) 54 inches
 - d) 72 inches
12. **Hand-held dryers shall be constructed to provide protection**
 - a) while in the 'on' position
 - b) while in the 'off' position
 - c) either a or b
 - d) None of the above
13. **Any electrically heated appliance intended to be applied to combustible**
 - a) material shall be provided with a signal
 - b) material shall be provided with an integral temperature-limiting device
 - c) either a or b
 - d) None of the above
14. **Each smoothing iron shall be equipped with**
 - a) at least 12 feet of flexible cord
 - b) at least 16 feet of flexible cord
 - c) at least 20 feet of flexible cord
 - d) an approved stand

15. **Electrically heated smoothing irons shall be equipped with an identified**
 - a) voltage
 - b) amperage
 - c) temperature-limiting means
 - d) Any of the above
16. **Cord-and-plug-connected pipe heating assemblies intended to prevent**
 - a) freezing of piping shall be listed
 - b) freezing of piping are prohibited
 - c) freezing of piping are discouraged
 - d) freezing of piping should be heated
17. **Cord-and-plug-connected vending machines not incorporating integral**
 - a) GFCI projection shall be connected to a GFCI protected outlet
 - b) GFCI projection shall not be connected to a GFCI protected outlet
 - c) GFCI projection may be connected to a GFCI protected outlet
 - d) GFCI projection shall be connected to a normal protected outlet
18. **Each electric appliance shall be provided with a nameplate giving**
 - a) the identifying name
 - b) its rating in volts
 - c) any specific frequencies
 - d) All of the above
19. **After installation, markings shall be**
 - a) visible
 - b) not necessary visible
 - c) easily accessible
 - d) both a and c
20. **Where a motor-operated appliance nameplate has a horsepower rating,**
 - a) that rating shall not be less than the rating on the motor nameplate
 - b) that rating shall be less than the rating on the motor nameplate
 - c) that rating shall be equal to the rating on the motor nameplate
 - d) Any of the above

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