

Name _____

License No. _____

Fee - \$40.00 (Call the office at 701-328-9977 to confirm if you have already paid or it is due)

2024 Continuing Education Correspondence Course

To receive credit for continuing education, a minimum of 75% correct is required to pass this open-book correspondence course. If you score less than 75%, you will be required to retake the course until you receive a passing grade. Answers to the following questions can be found in the 2018 North Dakota Plumbing Code (NDPC). The index is very helpful in completing the course. Please print so your handwriting is legible.

1. The minimum air gap for water distribution backflow protection shall be in accordance with what table? _____
2. Three-inch horizontal drainage piping shall have a uniform slope of not less than? _____

3. When is a vacuum relief valve required, and what section of NDPC is it found?

4. Hot water delivered from public-use lavatories shall be limited to a maximum temperature of what? And what section of NDPC is it found? _____
5. Floor drains shall be installed in which locations? What section of NDPC is this found?

6. What device is designed to provide protection against hydraulic shock in the building water supply system? _____

7. The total number of water closets allowed on a 3-inch stack is? _____
8. The maximum length for a 1½ inch vent is what? And what table of NDPC is it found?

9. In question 8, what is the total length permitted to be installed in the horizontal?

10. What is the total drainage fixture unit value for a single-family home with one kitchen sink, one laundry sink, one bathtub, one lavatory, and one 1.6 gravity tank-type water closet?

11. The maximum temperature of any water discharging under pressure directly into any part of a plumbing or drainage system is? And what section of NDPC is it found?

12. A device installed in a drainage system to prevent reverse flow is a? _____
13. The total length permitted for a 2-inch trap arm is what? And what table of NDPC is it found?

14. The vertical distance between a fixture outlet and the trap weir shall not exceed how many inches? And what section of NDPC is it found? _____
15. What is the drainage fixture unit value of a public use service sink or mop basin and what table of NDPC is it found? _____
16. Cleanouts may be omitted on a horizontal drain line less than 5 feet in length except for? What section of NDPC is it found? _____
17. When are thermal expansion tanks required on water systems? And what section of NDPC is it found? _____
18. A sewage ejector receiving the discharge of water closets or urinals shall have a minimum discharge capacity of how many gallons per minute? And what section of NDPC is it found?

19. Test gauges shall have a pressure range of what? And what section of the NDPC is it found?

20. Fixture traps shall have a minimum liquid seal of not less than how many inches? And what section of NDPC is it found? _____

21. The maximum trap loading for a 2-inch trap is how many fixture units, and what section of NDPC is it found? _____

22. What is the minimum and maximum length of a standpipe for a clothes washing machine? And what section of NDPC is it found? _____

23. The aggregate cross-sectional area of all vents for a system with a required 4-inch sewer shall be at least how many square inches? _____

24. The static water pressure at the water meter is 80 psi. At a supply outlet 40 feet above the meter, the static water pressure would be approximately how many psi? _____

25. Potable water supply to carbonators shall be protected by either an airgap or a?

26. How shall food preparation sinks be drained? And what section of NDPC is it found?

27. No person shall cover or conceal any work regulated by code until it is inspected and approved by? _____

28. What is the water supply fixture unit value for a public use bar sink? And what table of NDPC is it found? _____

29. No-hub cast-iron piping in 5-foot lengths, installed horizontally aboveground, shall be supported how often? And what section of NDPC is it found? _____

30. One trap may serve a three-compartment sink where the waste outlets are not more than how many inches apart? And where must the trap be located? _____

31. What is the definition of a stack? And what section of NDPC is it found? _____

32. A pressure regulator is required in a water system when the local water pressure is in excess of what? And what section of NDPC is it found? _____
33. The upper terminal of each horizontal drainage piping shall be provided with a? _____

34. The minimum distance between the center of a water closet and a finished side wall or partition is? _____
35. A floor drain normally requires a 2-inch trap and a 2-inch waste line. In a combination waste and vent system the size of the trap and waste line shall be at least? _____
