

N3 - New Jersey Plumbing Plans Examiner

Approximate % of 50 Questions

1. General Requirements

4%

Includes verification of piping systems to be protected as required from corrosion, stress and stain, freezing, and physical damage, to include building components. Also to verify that piping systems are designed to provide for proper installation, support, penetrations and waterproofing of exterior openings. Read plans verifying that fixtures, appliances and other systems comply with code.

2. Fixtures

11%

Verify plans for proper installation of fixtures including waste receptors, appliances and appurtenances. Verify plans for proper installation of faucets, fixtures and fittings.

3. Water Heaters

9%

Verify Plans for proper use of materials required valves, T&P valve and discharge piping installation, thermal expansion requirements. Verify plans for proper size of fuel gas piping, combustion air requirements and required venting.

4. Water Supply and Distribution

20%

Verify plans for proper piping material, joints and connections. Verify the waterservice and distribution piping for proper installation of cold and hot water delivery including minimum and maximum pressure and volume requirements, identification, sizing, valves, and insulation. Verify the potable water supply and distribution piping for proper protection against contamination.

5. Sanitary Drainage

16%

Verify proper material, sizing and installation of the building drain, building sewer, branches and stacks. Verify for the proper installation of backwater valves, sumps, ejectors and required cleanouts. Verify indirect waste systems for condensate drains, pumps and tanks.

6. Vents

14%

Verify plans show approved materials and the proper use of materials, fittings, joints and connections. Verify plans show proper sizing and minimum venting requirements and methods including terminations.

7. Traps, Interceptors, Separators, Special Piping and Storage Systems

10%

Verify plans show proper use and connection of traps, interceptors and separators. Verify plans show required chemical treatment, high-temperature and neutralization systems.

8. Storm Drainage

8%

Verify plans show proper design of roof drains, conductors and leaders including approved materials and sizing. Verify plans show proper design of sub-soil and building sub-drains, sumps and pumping system.

9. Health Care Plumbing

8%

Verify plans show approved materials, fixtures and locations. Verify plans show proper application of fixtures including accessibility, waste receptors, appliances and appurtenances including clearances, access and sealing. Verify plans show proper design of service and distribution of cold and hot water delivery. Verify plans show potable water supply and distribution piping including proper protection against contamination.

Required Reference: 2003 *National Standard Plumbing Code*