

CALIFORNIA RESIDENTIAL PLUMBING INSPECTOR CONTENT OUTLINE

EXAM ID: J3

- **60 multiple-choice questions**
- **2-hour time limit**
- **Open book**

01. GENERAL REQUIREMENTS	14%
0101. Permits Required	1%
Determine when permits are required and issues permits.	
0102. Piping Protection	4%
Inspect all piping systems to insure protection as required from corrosion, stress and strain, freezing, and physical damage.	
0103. Piping Installation, Support, Sleeving and Penetrations	4%
Inspect all piping systems for proper installation, support, sleeving, penetrations and waterproofing of exterior openings.	
0104. Damage to Structural Elements	1%
Inspect building components for damage due to installation of the plumbing systems.	
0105. Required Test of Plumbing Systems	4%
Verify that all required tests of installed piping systems are conducted.	
02. FIXTURES	8%
0201. Maximum Required	1%
Inspect for proper location and the minimum required fixtures.	
0202. Fixture and Material Approvals	1%
Inspect for approved materials and fixture approvals.	
0203. Installation, Location, Clearance and Access	3%
Inspect for proper installation of fixtures, waste receptors, appliances and appurtenances including clearances, access and sealing.	
0204. Flow Rates	2%
Inspect for maximum and minimum flow rates and temperature control valves.	

0205. Faucets, Fittings and Accessories	1%
Inspect for proper installation of faucets, fixture fittings and accessories.	
03. WATER HEATERS	12%
0301. Uses, Installation and Labeling	2%
Inspect for proper use and installation of materials and check for appliance approval.	
0302. Clearance, Location, Protection, Pans, Seismic Restraint	3%
Inspect for clearances, locations, protection, pans and seismic restraint.	
0303. Valves and Expansion Tanks	4%
Inspect for required valving, T&P valve and discharge piping installation, thermal expansion requirements and pipe sizing.	
0304. Combustion Air and Gas Piping	3%
Inspect for proper sizing of fuel gas piping, combustion air requirements and required venting.	
04. WATER SUPPLY AND DISTRIBUTION	21%
0401. Materials, Joints and Connections	3%
Inspect for approved materials, joints and connections.	
0402. Identification, Sizing and Valving	7%
Inspect the service and distribution piping for proper installation of cold and hot water delivery, identification, sizing and valving.	
0403. Protection Against Contamination	6%
Inspect the potable water supply and distribution piping for proper protection against contamination.	
0404. Pressure and Volume Requirements	3%
Verify the minimum and maximum pressure and volume requirements.	
0405. Potable Water and Treatment	2%
Verify the requirements for potable water and installation of water treatment.	

05.	SANITARY DRAINAGE	23%
0501.	Materials and Fittings	4%
	Inspect for approved materials and use of proper fittings, joints, and connections.	
0502.	Sizing of System	8%
	Inspect for proper sizing and installation of the building drain, building sewer, branches and stacks.	
0503.	Valves, Sumps, Ejectors, and Cleanouts	3%
	Inspect for the proper installation of backwater valves, sumps, ejectors and required cleanouts.	
0504.	Traps	5%
	Inspect for the correct type, size, design, location and installation of traps.	
0505.	Indirect Waste	3%
	Inspect indirect waste systems for air breaks or air gaps.	
06.	VENTS	22%
0601.	Material, Joints, Connection and Grade	5%
	Inspect for approved materials, joints, connections and proper grades.	
0602.	Seizing	6%
	Inspect for the proper sizing of the venting system.	
0603.	Methods and Installation	11%
	Inspect for the minimum venting requirements, methods and installation.	