

ARKANSAS JOURNEYMAN PLUMBER EXAMINATION STUDY GUIDE

The Arkansas Journeyman Plumber Examination consists of four sections. Candidates qualified to sit for the exam are given one section at a time in random order. When each section is completed, it is exchanged for another section. You are not timed on each section but are given four hours to complete all four sections.

Section 1; Drawings: The candidate must draw a DWV riser diagram for the floor plan we provide on paper we provide. The drawing is to be completed in isometric format (sample below). Vents are to be indicated in blue and drains in red. Provide sizing notations indicating changes in pipe size. Candidates are given a description of a building and must calculate the water system sizing using 2018 Arkansas Plumbing Code (APC), Appendix E201, then answer ten questions to properly size the system. Candidates must also calculate a 45-degree offset.

Section 2; Questions: A total of fifty random questions are formed from the 2018 APC, the 2018 Arkansas Fuel Gas Code (AFGC) and the Arkansas State Plumbing Law. The Plumbing Law is available on the Arkansas Department of Health website: <https://www.healthy.arkansas.gov>

Section 3; Gas Pipe Section: Candidates must properly size flue gas venting for various appliances and combination of appliances (Chapter 5 AFGC). Candidates must also calculate if and how much air is required for combustion and ventilation of given appliances in an indicated space by a method found in sections 304.5.3 to 304.7.3 (AFGC). Candidates must size each segment of natural gas piping for indicated appliances at various lengths and pressures (Appendix A.3.1 Longest length method AFGC).

Section 4; Code Illustrations: Candidates must properly identify plumbing system components (fittings, drain system, vent system) from three different diagrams.

ISOMETRIC FORMAT

