

ARKANSAS MASTER PLUMBER EXAMINATION INFORMATION GUIDE

The Arkansas Master Plumber Examination consists of four sections. Qualified Candidates are given one section at a time in random order. When one section is completed, it is exchanged for another section. Candidates 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 water system. Candidates must calculate fixture spacing in a given room.

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

Section 3; Vents and Combustion & Ventilation Air: 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).

Section 4; Gas Pipe Sizing: Candidates must size each segment of natural gas piping for indicated appliances at various lengths and gas pressures (Appendix A.3.1, Longest length method, AFGC).

