

2018 ARKANSAS FUEL GAS CODE DRAFT

GENERAL SUMMARY

In addition to the many engineering and quality standards updates and the new materials that have been added, below, is a list of the most prevalent changes from the 2006 Fuel Gas Code to the 2018 Fuel Gas Code Draft.

SECTION 110 TEMPORARY EQUIPMENT, SYSTEMS AND USES. A new section add to allow for and provide guidance on the installation and use of temporary installations.

403.10.1 Pipe joints. A press-connect fitting and a respective reference standard number have been added to the gas code. This is a highly effective and time saving method of piping gas developed since the last code update.

403.10.3 Stainless steel tubing joints. New code specifying joining methods and standard number have been added.

404.14 Piping underground beneath buildings. Approval for conduits specifically designed for gas piping underground beneath buildings, has been added. New CSST tubing, designed and manufactured within its own conduit is now available a step and time saver.

406.4.1 Test pressure. Test pressures have been reduced sustainably to mirror the national standard. Where previously 25 lb. psi was required for piping intended for 4 to 8 oz. psi and 90 lb. psi for systems intended for 1 lb. working pressure, can now be tested at 1.5 times its intended working pressure with a minimum of 3 lb. psi

406.4.2 Test duration. Test duration was changed to meet the intent of the national standard.

406.7.1 Piping system required to be purged outdoors. This is new code inserted in the existing section on Purging outline safe outdoors purging practices.

406.7.1.3 Outdoor discharge of purged gases through 406.7.2.1 Purging procedure. Outline the procedures and precautions for purging large gas piping system outdoors and indoors.

SECTION 413 COMPRESSED NATURAL GAS MOTOR VEHICLE FUEL-DISPENSING FACILITIES. This section provides regulator parameters for CNG fueling facilities.

SECTION 416 OVERPRESSURE PROTECTION DEVICES.

This Section has been revised to protect gas utilization equipment designed to operate at a gas pressure of 14 inches w.c. (water column) or less, from damage due to over pressurization when connected to a hybrid gas system operating at greater than 2 psi (pounds per square inch).

503.4.1 Plastic pipe. This code has been amended to provide approval standards for plastic pipe utilization as gas exhaust venting. This is the type of vent materials that may be utilized in high efficacy gas appliances that have low heat exhaust discharge.