



## REQUIREMENT FOR PRESSURE PIPING PERMITS & INSPECTIONS

The Clermont County Building Department has been inspecting and approving pressure piping systems in Non-Residential and Residential structures (all one, two and three family dwellings), per the Ohio Mechanical Code (OMC) and the Ohio Residential Code of Ohio (RCO).

Pressure piping permits and inspections are required for the installation of the following systems:

1. All natural fuel gas piping (residential and non-residential). Upon approval, the system will be released to the utility so the meter can be set and the gas service turned on.
2. All ground source heat pump piping systems (residential and non-residential).
3. All liquid propane (LP) gas piping systems. This includes the underground piping.
4. Non-residential fuel oil piping systems.
5. Non-residential refrigeration piping systems regardless of BTU.
6. Non-residential hydronic piping systems both water and steam.
7. Non-residential chilled water or glycol-based chilled water used for comfort cooling.
8. Non-residential anti-freeze or brine secondary coolants used for comfort cooling.

### **Required Inspections**

Mechanical Rough Inspection: all piping installation shall be inspected and pressure tested to determine that the system complies with the code.

Gas Pressure Pipe Test Inspection: visual inspections of the piping system and witnessing the pressure test (which is to be completed by the contractor).

Gas Meter Release: In addition, we coordinate the gas meter release and installation of the gas meters with Duke Energy. Based on several meetings with Duke Energy, after the indoor pressure piping system is visually inspected and the pressure test witnessed by the Building Department Inspector and approved, a release will be sent to Duke Energy the next working day informing them that is okay to set or install the gas meter. This release program will work similar to the electrical meter release program currently in place.

Mechanical Final Inspection: will consist of a visually inspection of the entire system, including the appliances.

The pressure piping systems scope of work will typically be reviewed, approved and inspected under the same application as the main building permit.