



**Marion County Public Works
Building Inspection Division
Inspection Checklist**

**Residential
Mechanical Under Floor**

May 2012

This checklist is intended for our external customers to prepare for an inspection. It is also intended for internal use for our inspectors to improve consistency and overall service delivery.

Please verify the following before calling for the Inspection:

Permits and Plans

- Job address is posted in a visible location.
- Permit and approved plans are on site and accessible to the inspector
- Permit information is correct (address, permit number, description of work, etc.).
- Plans have been reviewed for any special inspection requirements.

General

- All ductwork is installed including dryer vent and plenum.
- Verify that all supply and return ducts are insulated with min R-8 insulation including plenum.
- If ductwork is to be embedded in concrete allow space for 2 inches of concrete underneath and next to duct.
- Provide correct supports for all ducts and gas lines per code.

Hydronic Piping

- Provide min of 100 pound test for 15 min on lines (30 min on ground source heat pump)
- Provide min R-10 ridged insulation under hydronic lines embedded in concrete

Underground Gas Lines

- Gas lines underground shall be of approved material for underground.
- Gas lines under a building shall be encased in a conduit as per code and vented per code.
- Gas lines shall be pressure tested min 10 pounds for 15 min for ½ pound gas and 30 pounds for 60 min for 2 pound gas.

Note: These are general requirements only and do not reflect all conditions. For additional information please contact the Building Inspection Division.

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