

Enbridge Gas Guidelines for Builder Final Inspection

These guidelines are intended to help you prepare and ensure your final inspection (initial putting into use/occupancy inspection) is completed on the first visit with no additional visits by Enbridge Gas and to reduce any delay before closing the home.

Before we visit: outside the home

- Ensure safe and clear access to meter set (no construction work is in progress above the meter set).
- Clean mortar and other debris from around the natural gas meter/regulator.
- Install eavestroughs a minimum of 1 ft. to either side of natural gas meter/regulator.
- Paint natural gas house piping outside all the way around the pipe (if required as per code).
- Double wrap the natural gas wall piece (piping) going through an exterior wall with tape or sleeved all the way through the wall and be caulked around pipe outside.
- Extend the unthreaded portion of the natural gas wall piece by at least 1 in. beyond the finished wall.
- Install an additional pipe hanger near the utility tie in location when outside gas piping is longer than 4 ft.
- Ensure the HRV intake is at least 6 ft. away from the furnace, W/H, and F/P vent terminals and 10 ft. away from the natural gas service regulator relief.
- Install natural gas appliance vent terminals as per manufacturer instructions and ensure they are sealed all the way around.
- Ensure that if there is paving or concrete around the riser, it is sleeved.
- Ensure the meter is square and level after connecting the house piping.
- Do not install house piping in front of the natural gas meter and regulator setup.
- Ensure all gas appliances are installed, have an Appliance Installer Validation Form attached and completed by a TSSA Certificate Holder. Any setup, adjustment and commissioning has been completed.
- **Note:** During construction the gas riser, meter and regulator assembly must be protected from falling debris and damage.
- **Note:** Before commencing any ground disturbance or excavation work contact Ontario One Call to obtain the location of buried plant.

Before we visit: inside the home

- **Complete and clear areas** of all major construction and finishing debris/materials.
- **Make arrangements** for final verification of set up, adjustment, commissioning and proper operation of all natural gas equipment. Enbridge Gas is not responsible for final setup/commissioning of all gas appliances under any circumstances.
- Ensure that an **Appliance Installer Validation** form is attached to all gas appliances and completed in their entirety as applicable including sign off by the TSSA certificate holder.
- **Prepare all appliances including the furnace for final inspection** as per the manufacturer's certified installation manual and B149.1 (natural gas and propane Installation code).
- **Affix pressure test tag** to piping (must be legible and filled out).
- **Ensure ductwork is cleaned** prior to appliance used for construction heat, receives final cleaning.
- **Clean and ensure new filter installed** in appliance per manufacturer's instructions.
- **Duct work for appliances used for construction heat**, should be cleaned prior to final cleaning of furnace (or any other applicable appliance) and new filter installed.
- **Present manufacturer's installation, and operation instructions** for all natural gas equipment.
- **Ensure clearances** for all natural gas equipment and regulator(s) are met.
- **Install all interior/exterior gas piping** in accordance with all local codes.
- **Install all appliance venting** per manufacturer's instructions and in accordance with all local codes.
- **Seal natural gas pipe and appliance vents** at entrance points.
- **Install a discharge pipe** from the temperature and pressure relief valve on the water heater and ensure the tank is full.

Before we visit: inside the home (continued)

- Install working thermostat(s) (including a smart thermostat should that be the type being used).
- Ensure fireplace(s) (if required) is fully operational (including thermostat) and mantle installation completed.
- Extend the unthreaded portion of natural gas piping through the floor by 2 in.
- Support all natural gas house piping with metal hangers.
- Bond natural gas house piping per latest Electrical Safety Authority (ESA) requirements.
- Connect electrical sources to the furnace.
- Connect electrical source to the water heater (if power vented).
- Connect water piping to the water heater.
- Ensure all gas appliances not approved for Construction Use are off and gas valves in the off position.
- **Note:** Occasionally items such as carpet installation, change orders, minor trim work, minor floor or tiling work may not be fully completed at the time of initial installation inspection requests. Depending on the adverse effect this work may have on the operation or installation of the natural gas equipment, the inspector will choose to accept or reject the installation.

Before we visit: if you had used construction heat

- Start up, adjustment and commissioning of the appliance used for construction heat has been performed by a TSSA Registered heating contractor, as applicable.
- Prepare the appliance for final inspection (if used for construction heat) as per the manufacturer's certified installation manual and B149.1 (natural gas and propane Installation code by the installer.
- Affix the Appliance Installer validation form. The form must be completed in its entirety and left with the manual.
- For construction heat, ensure manufacturer's certified installation instructions indicating acceptability of the furnace for construction heat use will be accepted. Letters from manufacturers are not accepted.
- **Reminder:** Appliance and/or equipment commissioning is the sole responsibility of the TSSA registered Heating Contractor. Enbridge Gas is not responsible for final setup/ commissioning of appliances under any circumstances.

Appliance set up, adjustment, commissioning and combustion analysis

- Enbridge Gas is responsible to unlock a gas service that is off and locked, no other party can activate a gas service that is locked.
- Appliance and/or equipment set up, adjustment and commissioning is the sole responsibility of the TSSA registered Heating Contractor/Installer. Builders are to ensure the setup, proper operation and commissioning is completed. Enbridge Gas is not responsible for final setup and commissioning of appliances under any circumstances.
- Appliance Installer Validation form is completed and affixed to all appliances.
- Where a safety violation for commissioning has been applied to an appliance (as noted above), the builder will require the TSSA registered heating contractor/installer to return to complete the work and clear the B-Tag by sending the completed paperwork into Enbridge Gas.

Purging customer supply piping system

- As a result of the 2020 publication of CSA B149.1 that introduced a change for when purging with an inert gas is required, EGI will require proof that the installer purged the piping system with inert gas by completing and affixing a purging tag. This will be enforced as of June 30, 2023.
- When it is the responsibility of the installer to purge, if there is no completed purging tag or the purging was not done, EGI will not energize the piping system with gas.
- Installers will need to reschedule another appointment after purging has been done. A service charge may be applicable in the former Enbridge Gas areas.
- Rejects or Safety violations will not be issued.



Visit enbridgegas.com/buildwithgas when you are ready to schedule an appointment for inspection prior to occupancy.