



## Using Natural Gas for Construction Heat

In this section you'll find what you need to know about using construction heaters, including: preparing your site, using construction heaters with meter boxes, and Enbridge Gas Distribution and Technical Standards and Safety Authority (TSSA) requirements.



# Using temporary construction heaters for residential applications.



The following information pertains to traditional trench system natural gas installations. For Joint Utility Construction, see page S4-1.

You need to **contact an Enbridge Gas Distribution Customer Connections Representative 6 to 8 weeks prior to the date you want your gas service and meter installed. In Eastern regions, builders order their services by notifying the Work Management Centre.** A general guideline is to make the call when you start digging your foundation.

**You must indicate that your order is for CONSTRUCTION HEAT.**

Please note that the above timeline assumes the gas main has already been installed on the street; and is subject to Enbridge Gas Distribution's ability to obtain locates from other utilities. **Please allow 6 to 8 weeks for a new main if the project is already out to construction with our crews.**

## Steps for using temporary natural gas constructions heaters:

### Step A

The gas meter will be installed with a capped meter tailpiece on the outlet side of the meter. See *photo 1*.



Photo 1

### Step B

Your trained personnel will remove the capped meter tailpiece and install the construction heater quick connect assembly. See *photo 2*. The meter tailpiece and cap must be saved for later use by your gas piping installer.

Once the heater has been removed and if the permanent piping is not yet installed, please replace the meter tailpiece and cap.

If the meter is left unprotected from the elements (dirt, rain, snow), the meter will have to be exchanged. These costs will be charged to the builder.

For more on meter boxes, please go to page S3-7.



Photo 2

### Step C

Only your mechanical contractor can attach the permanent piping to the meter. The meter tailpiece (saved from Step B) must be used to attach the permanent piping to the meter according to our standard requirements for inspection. See *photo 3*.



Photo 3

To avoid delays in servicing your site, please ensure the following steps have been taken before contacting Enbridge.

### Residential Site Preparation Checklist:

- ☐ The foundation is poured and capped
- ☐ The site is clear of obstructions
- ☐ Compacted soil is within 6 inches of final grade
- ☐ The meter location is clearly marked for the final position (to avoid relocation charges)
- ☐ Double check the location of fireplace, windows and any venting obstructions when marking meter location.

## Regulations for activating temporary construction heaters.

Technical Standards & Safety Authority (TSSA) and Ontario Regulations require anyone installing, activating or operating a natural gas-fired construction heater must complete a “Record of Training” (ROT) certification or possess a G2 license or greater. Please note that ROT certification must be renewed every three years.

This certification must be on-hand and presented when rental companies deliver the construction heaters to the site. Once the meter is activated, a completed Construction Heat Form must be faxed to Enbridge at: 1-800-494-6411.

Only residential gas meters having between a 1 and 1 ½ inch meter outlet and a single pressure regulator are permitted to be turned on by a ROT trained individual or non-utility gas technician.

Contact your local rental company to arrange for rental and approved safety training now. For rental providers, see pages S3-17. For ROT training providers, see pages S3-12.



## Safety requirements.

Once the service and meter are installed, and the heater is connected and operating:

- Take precautions to ensure the meter is protected from damage during the construction process. Do not move, remove or alter the gas service, meter or regulator.
- Meter outlet connections should never be left open to the environment. A meter tailpiece and cap are provided with the meter when installed. Please ensure that meter tailpiece, cap and utility meter pin-lock are re-installed immediately after you have finished using the heater.
- If the gas line becomes exposed, call Enbridge Gas Distribution immediately at 1-877-362-7434



### IMPORTANT:

For your ease and convenience, you can access and complete all the necessary construction heat and final inspection forms at [www.buildwithgas.com](http://www.buildwithgas.com)






## Notification of use.

Written notice of the locations where you used natural gas for construction heaters must be faxed to Enbridge Gas Distribution within 24 hours of meter "Turn-On".

Please see the accompanying Notification of Meter "TurnOn" for Temporary Construction Heaters Fax Transmission form.

If you fail to notify us when you start to use the gas you will be back-billed for all gas charges from the date the meter was installed at the location.

Construction Heat Fax Transmission: 1-800-494-6411													
(Please check applicable box)													
	<input type="checkbox"/> 1. We've turned the meter on for Temporary Residential Construction Heaters Notification is required in writing to Enbridge Gas Distribution within 24 hours of your site staff unlocking gas meters for the purpose of temporary residential construction heaters. Meter turn on date: _____												
	<input type="checkbox"/> 2. We've turned the meter on for the Furnace to Heat a Residence(s) Under Construction, "Affidavit of Validation". Meter turn on date: _____ <table border="1"><tr><td>Installing Company's Name: _____</td><td>Installer's Name: _____</td><td>Installer's Certificate Number: _____</td></tr><tr><td>Inspector (If not installer): _____</td><td>Certificate Number of Inspector: _____</td><td></td></tr></table>					Installing Company's Name: _____	Installer's Name: _____	Installer's Certificate Number: _____	Inspector (If not installer): _____	Certificate Number of Inspector: _____			
Installing Company's Name: _____	Installer's Name: _____	Installer's Certificate Number: _____											
Inspector (If not installer): _____	Certificate Number of Inspector: _____												
	<input type="checkbox"/> 3. Enbridge to unlock meter for Furnace Construction Heat; to be used when a builder requests Enbridge Gas Distribution to inspect and turn on a furnace for construction heat purposes only. A charge will apply. • MINIMUM 48 HOURS NOTICE REQUIRED! Be sure to indicate the date required for inspection in the appropriate column below. • Faxes received after 4:00 pm will be considered as received the next day. • Applicable charges will apply per premises.												
<table border="1"><tr><td>Current Date: <i>August 27, 2009</i></td><td>Builder's Name: <i>ABC</i></td><td>Site Contact's Name: _____</td><td>Cell Number: <i>(XXX) 555-6789</i></td></tr><tr><td>Subdivision: <i>Def</i></td><td>Site Telephone Number: <i>(XXX) 555-6789</i></td><td>Site Fax Number: <i>(XXX) 555-6789</i></td><td></td></tr></table>						Current Date: <i>August 27, 2009</i>	Builder's Name: <i>ABC</i>	Site Contact's Name: _____	Cell Number: <i>(XXX) 555-6789</i>	Subdivision: <i>Def</i>	Site Telephone Number: <i>(XXX) 555-6789</i>	Site Fax Number: <i>(XXX) 555-6789</i>	
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City	Lot Number	Municipal Address	Meter Number	Meter Reading (note - not all meters are set at zero, please ensure correct reading)	Date Required (If you have requested Enbridge to unlock meter)								
<i>Aurora</i>	<i>16</i>	<i>86 Johnson Lane</i>	<i>SG-8243681</i>	<i>0045</i>									
<i>Aurora</i>	<i>23</i>	<i>95 Johnson Lane</i>	<i>SG-1234567</i>	<i>4012</i>									

**PLEASE NOTE:**  
Please photocopy this form to ensure an adequate supply is available for faxing.  
1. When installing and activating a furnace for heating a residence under construction, all applicable codes and manufacturer's certified installation instructions must be met.  
2. Enbridge Gas Distribution must complete a final inspection of all appliances prior to homeowner occupancy. Please fax Enbridge Gas Distribution the "Request for Final Inspections Prior to Homeowner Occupancy" fax transmission when the premises are ready.

11-00353 (REV. DEC 07)

Sample of Meter "TurnOn" for Temporary Construction Heaters Fax Transmission form.



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