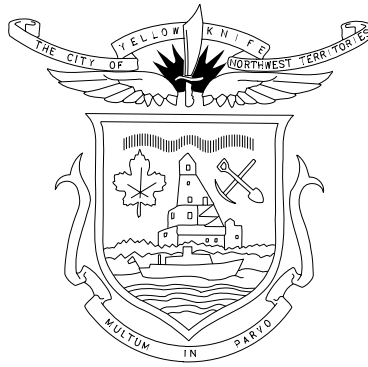


## **LOCAL CONSTRUCTION REQUIREMENTS**

- **Section 6.1 of Building By-law No. 4469**
- **EnerGuide for New Houses (EGNH) Procedure Guidelines**

# **THE CITY OF YELLOWKNIFE**

**NORTHWEST TERRITORIES**



## **BUILDING BY-LAW NO. 4469**

**Adopted January 28, 2008**

**AS AMENDED BY**

**By-law No. 4486 - May 12, 2008**

**This Consolidation is prepared for convenience only.  
For accurate reference, please consult the City  
Clerk's Office, City of Yellowknife**

- 5.7 No person shall knowingly submit false or misleading information to an **Inspector** in relation to any **permit** application or construction undertaken pursuant to this By-law.
- 5.8 No person shall *occupy* or use any new **building**, any **addition** to a **building** or any **alteration** to a **building**:
- a. unless a valid and subsisting **occupancy permit** in the form prescribed by the **Senior Administrative Officer**, has been issued by an **Inspector** for the **building**;
  - b. contrary to the terms of any **permit** issued or any notice given by an **Inspector**.
- 5.9 No person shall obstruct the entry of an **Inspector** or other authorized official of the **City** on property in the administration of this By-law.

## 6. LOCAL CONSTRUCTION REQUIREMENTS

### 6.1 Residential Minimum Energy Efficient Building Standards

All **single-family**, **two-family** and **multi-family** residential **buildings** shall be built to achieve a minimum score on the Energuide for New Houses rating system:

- a. during a transition period, effective January 1, 2008 to December 31, 2010, it shall not be mandatory to achieve the minimum score on the EnerGuide for New Houses rating system of 80. The purpose of the transition period is to monitor implementation and to build capacity to achieve EGNH-80 through builder mentoring and public education;
- b. effective January 1, 2011 a minimum score of 80 on the EnerGuide for New Houses rating system shall be mandatory.

### 6.2 Commercial Minimum Energy Efficient Building Standards

Effective January 1, 2009, all commercial, institutional and industrial **buildings** shall comply with a minimum energy efficient **building** standard that is 25% higher than the minimum requirements of the National Model Energy Code of Canada for Buildings 1997.



# city of Yellowknife

4807 – 52 Street Yellowknife, NT X1A 2N4  
Tel: (867) 920- 5688 Fax (867) 920 – 5690 [www.yellowknife.ca](http://www.yellowknife.ca)

## EGNH Procedure Guidelines

**The EnerGuide for New Houses evaluation is required when applying for a building permit for a new house.**

- Step 1** Register your house with the EnerGuide for New Houses Program. To do this you must fill out the home enrolment application which can be found on the internet at [www.yellowknife.ca](http://www.yellowknife.ca), or can be picked up at the City Hall. All information must be completed on the form in order to begin the process.
- Failure to provide all details will result in longer turn around times.**
- Step 2** Once the building permit application and the enrollment application have been received, a file will be set up and a building inspector who is a certified energy advisor will perform a design evaluation using the information and house plans you provide.
- Step 3** You will be contacted for pick up or sent the design evaluation summary evaluation via fax or email. This sheet will show the options you could choose to obtain an EnerGuide rating of 80 for your home along with an estimate of your energy consumption.
- Step 4** You need to decide on which option or combination of options you will use in constructing your new house. Think about this decision carefully and consider the potential benefits of constructing a more energy efficient house. Once this decision is made the building permit can be issued and construction can begin.
- Step 5** When the construction is nearing the insulation and vapour barrier inspection stage, call to set up an air-tightness test and insulation/vapour barrier inspection. Phone at least one week in advance to allow for scheduling. The building must be weather-tight with all of the exterior doors and windows correctly installed.
- Please ask your heating installer to clearly mark your heating system with the model number and rated output as this information is required for the final inspection.**
- Step 5 does not apply to factory-built houses.**
- Step 6** When the house is ready for occupancy a building inspector will complete another air-tightness test and perform the final computer simulation of your house. This will determine the actual EnerGuide for New Houses rating your house will receive. A report will be generated along with your EnerGuide for New Houses label to affix to an appropriate location in the house, usually the electrical panel cover.
- Step 7** Enjoy your new energy efficient house and the better environment you helped create.



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Applicant Name: \_\_\_\_\_ Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
New House Address: \_\_\_\_\_ Lot: \_\_\_\_\_ Block: \_\_\_\_\_ Plan: \_\_\_\_\_  
Builder : \_\_\_\_\_ Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

The following information is required to perform the EnerGuide Evaluation of your plans. Please ensure ALL the information is clearly marked on your house plans or in the space provided. Failure to provide ALL details will result in delays in processing your application. If you have any questions or concerns please contact the Inspections Division at 920-5688 or 920-5614 and ask to speak to a Building Inspector.

## General Information:

Full set of plans (11x17 preferred) ☐ Site plan with North arrow ☐  
Window and door schedule ☐ Floor heights marked on plan ☐ Floor Joist Depth: \_\_\_\_\_  
Roof truss: Regular heel ☐ Raised heel ☐ Truss Heel Depth: \_\_\_\_\_

## Insulation Values:

Flat Ceiling: R or RSI _____	Type _____	Exposed Floor: R or RSI _____	Type _____
Sloped Ceiling: R or RSI _____	Type _____	Concrete Walls: R or RSI _____	Type _____
Exterior Walls: R or RSI _____	Type _____	Basement walls: R or RSI _____	Type _____
Shared Walls: R or RSI _____	Type _____	Floor Perimeter: R or RSI _____	Type _____
Headers: R or RSI _____	Type _____	Concrete Slab: R or RSI _____	Type _____

## Windows:

Glazing: Triple ☐ Double ☐ Coating: Clear ☐ Soft LowE ☐ Hard LowE ☐ Fill: None ☐ Argon ☐  
Spacer: Metal ☐ Insulated ☐ Frame: Wood ☐ Vinyl ☐ Metal ☐ Fiberglass ☐

## Ventilation:

Heat Recovery Ventilator: Make: \_\_\_\_\_ Model: \_\_\_\_\_  
Exhaust Fans: Bathroom(s) Make: \_\_\_\_\_ Model: \_\_\_\_\_  
Range Hood Make: \_\_\_\_\_ Model: \_\_\_\_\_

## Heating and Domestic Hot Water

Primary: Fuel: \_\_\_\_\_ Boiler ☐ Furnace ☐ Make: \_\_\_\_\_ Model: \_\_\_\_\_ BTU Output \_\_\_\_\_  
Distribution: In-floor radiation ☐ Forced air ☐ Fan-coil ☐ Baseboard radiation ☐  
Auxiliary: Pellet ☐ Wood ☐ Propane ☐ Make: \_\_\_\_\_ Model: \_\_\_\_\_ BTU Output \_\_\_\_\_  
Domestic Hot Water: Energy Source: \_\_\_\_\_ Make: \_\_\_\_\_ Model: \_\_\_\_\_ Capacity: \_\_\_\_\_

Client Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Enrollment Application



File Number: \_\_\_\_\_  
Office use only