

# Heating Final Inspection Checklist

*This list is intended to offer a general overview of the types of elements our inspectors may focus on during an inspection. It should be noted that this list is not exhaustive and should not be considered a definitive guide. Each inspection is unique, and the specific circumstances of each case may result in variations regarding what is inspected or prioritized. Always consult with your assigned inspector for any questions that may arise from your project.*

## **General**

- Revision approved for heating ductwork layout changes, including changes to the furnace capacity and model.
- Combustion air provided to enclosed furnace rooms.
- Heating Rough-in Information Sheet applicable when the building inspector cannot inspect the heating system in the basement area during the rough-in stage.
- Exhaust ducts sealed to Class C level when located in a conditioned space.

## **Supply and Return Air Systems**

- Furnace in operating condition.
- Supply ducts and associated fittings are non-combustible, except when they conform to test criteria.
- Ducts penetrating floors or walls are fire stopped with mineral wool between the duct and the construction.
- Connection of all return air ducts to riser with no blockage, i.e., pipes, joist bridging.
- Return air outlet for the basement is complete, including the damper.
- Clearance beneath all ducts is a minimum of 1.95 m.
- 150 mm clearance between a 'C' vent for the hot water tank and combustible materials.
- Neutralizer installed on condensing type furnaces.
- 19 mm undercuts above carpets on doors to rooms without a return-air inlet.
- Sealed to Class A level and insulated to not less than RSI 1.4 when exposed to unheated space or not protected by an insulated exterior wall.

## **Mechanical Ventilation**

- All installed fuel-fired appliances and space heating equipment are installed according to the approved permit drawings. A change in the appliance classification requires a revision to the building permit.
- Verify the categorization of the dwelling unit (type I, II, III, or IV) corresponds with the type of fuel-fired appliances or space heating equipment. A change in the dwelling categorization requires a revision to the building permit.
- The principal exhaust fan switch is centrally located in the dwelling unit (dining room) and identified with a Markham sticker.

### **Heat Recovery Ventilators**

- Free flow condensate has a trap or pump installed and drained to a floor drain.
- HRV system balanced & permanent balancing dampers installed.
- Securely mounted using all hardware for noise and vibration transmission reduction.
- Maximum length of flexible duct is 4000 mm with no compressed areas.