

HVAC/In-Floor Heating Inspection Checklist

**\*Before calling for your inspection, please make sure the following items are complete:**

**O** Township stamped plans and heat designs are onsite.

**O** Clearance between plenum and combustible materials is acceptable.

**O** Supply ducts and fittings are non-combustible.

**O** Supply trunk is not nailed/fastened directly to floor joists.

**O** ‘S’ and drive cleats are installed for rectangular ducting.

**O** Supply and return ducts in unheated spaces are insulated with R-12 min.

**O** Supply ducts are sealed with tape or mastic (class C)

**O** Vertical clearance to all ducts in basement minimum 6’5” (1.95m)

**O** A return air is installed on each storey.

**O** Return air chases are backed, firestopped at ends, have no obstructions. **O** Return air inlets are not located in garage, kitchen, furnace, laundry rm. **O** Exhaust fan ducts in attic are wrapped with insulation/vapour barrier.

**O** Horizontal flexible exhaust ducts do not exceed 13 ft. (4m) in length.

**O** Kitchen exhaust ducts are cleanable, or cleanable filter is installed.

**O** Butterfly dampers are installed at each heat register outlet.

**O** Furnace, HRV, Boiler, Water heater meet energy efficiencies. (houses)

**O** Exhaust air intake (HRV) or fans are installed in kitchens and in bathrooms without windows.

**In-Floor Heating**

**(\*)** Under-slab insulation is complete, taped and sealed at perimeter. (R10)

**(\*)** Heating pipe is complete, spaced and installed as per radiant design.

**(\*)** Heating pipe is charged with air to minimum 60 psi or 2 times the system operating pressure.

# When you have checked all applicable boxes, please email [building@swox.org](mailto:building@swox.org%20) to book your inspection.

**We will perform the inspection within 2 business days.**