

Project Address: _____

Builder Name: _____

BP #: _____

Please initial all applicable boxes and fill in all required information. It is the responsibility of the builder and ventilation contractor to ensure this certification is attached to the furnace prior to the request for the final inspection.

PRINCIPAL VENTILATION FAN	<p align="center">Normal Operating Exhaust Capacity (NOEC) of Principal Ventilation Fan (1 L/s = 2.119 cfm)</p> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr> <td style="width:20%;">Number of bedrooms</td> <td style="width:10%;">1</td> <td style="width:10%;">2</td> <td style="width:10%;">3</td> <td style="width:10%;">4</td> <td style="width:10%;">5</td> </tr> <tr> <td>Minimum capacity (L/s)</td> <td>16</td> <td>18</td> <td>22</td> <td>26</td> <td>30</td> </tr> <tr> <td>Maximum capacity (L/s)</td> <td>24</td> <td>28</td> <td>32</td> <td>38</td> <td>45</td> </tr> </table> <p>Number of bedrooms: _____</p> <p>Location of Exhaust Air Inlets: _____ <small>(room name) (room name)</small></p> <p>_____ <small>(room name) (room name)</small></p> <p>Initial <input type="checkbox"/> The principal ventilation fan is capable of operation at an exhaust capacity complying with the table above</p> <p><input type="checkbox"/> The outdoor supply air has been permanently fixed to so that air supply is within 10% of the normal operating exhaust capacity</p> <p><input type="checkbox"/> The outdoor air supply fan is interconnected so that the operation of the principal ventilation fan activates the outdoor air supply fan</p> <p><input type="checkbox"/> If interconnected with a forced air heating system, an outdoor air supply duct has been installed in the furnace return air plenum 3m or more upstream of the plenum or through a mixing device installed in the return air plenum and the maximum outdoor air flow does not exceed Table 9.32.3.4</p>	Number of bedrooms	1	2	3	4	5	Minimum capacity (L/s)	16	18	22	26	30	Maximum capacity (L/s)	24	28	32	38	45	<p>Room: _____ Capacity= _____ L/s</p> <p>Room: _____ Capacity= _____ L/s</p> <p>The minimum capacity of the kitchen exhaust fan is 50 L/s when not part of the principal ventilation system</p>	ADDITIONAL EXHAUST FANS
	Number of bedrooms	1	2	3	4	5															
Minimum capacity (L/s)	16	18	22	26	30																
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<p>Room: _____ Capacity= _____ L/s</p> <p>Room: _____ Capacity= _____ L/s</p> <p>Room: _____ Capacity= _____ L/s</p> <p>Initial <input type="checkbox"/> Activation of the principal exhaust fan(s) activates the supply air fan</p> <p><input type="checkbox"/> Supply air is heated to 12°C before being circulated to habitable space</p>	SUPPLY AIR (when not interconnected to FA Furnace)																				
<p>MEASURED AIR FLOWS</p> <p>Actual exhaust air : _____ L/s</p> <p>Actual supply air: _____ L/s</p> <p>Maximum speed : _____ L/s</p> <p>If the principal ventilation fan exhausts from the kitchen and other rooms, the high speed must be at least 2.5 times the minimum required capacity</p>	<p>I declare that this system has been installed in accordance with requirements of Sections 9.32 and 9.33 of the National Building Code of Canada</p> <p>Installing Company: _____</p> <p>Ventilation Contractor: _____</p> <p>Signature: _____</p> <p>Date: _____</p> <p>Phone Number: _____</p> <p>Email Address: _____</p> <p>HRAI/ ASHRAE #: _____</p>	CERTIFICATION																			

At the final inspection, this form is to be completed and attached to the furnace. A second completed form shall be submitted the inspector. A balance report may be requested and the inspector may request that they be present during the test.

This form should be submitted directly to Building Standards at inspections@saskatoon.ca