Measured Combustion Appliance Zone (CAZ) Pressure

1) A worst case CAZ test will be completed as part of the energy audit process and again during the quality control inspection. The CAZ testing will be done in accordance with section 8.1 of the MN Weatherization Field Guide – SWS Aligned Edition in Appendix B.

2) If either test results in a worst case CAZ depressurization that is negative two (-2) pascals or more negative than the CAZ depressurization limit, action can be taken to remediate the condition.

3) Guidance on CAZ testing, evaluation of test results, and potential remediation can be found in sections 8.1.4 - 8.1.6 of the MN Weatherization Field Guide - SWS Aligned Edition in Appendix B.

4) Cost and probable effectiveness will be taken into account when selecting remediation measures.

5) Remediation measures must follow all applicable policies including the Allowable Measures Chart in Appendix C.

Calculated CAZ Pressure

The most recent version of the Weatherization Assistant software can be used to calculate the anticipated effects of air sealing and exhaust ventilation on CAZ depressurization.

1) In the Health & Safety tab, under the ASHRAE Ventilation sub-tab, fill in the Ventilation box (specific fields are highlighted in blue below).
Combustion Appliance Zone
Depressurization Remediation Guidance

2) In the Health & Safety tab, under the ASHRAE Ventilation sub-tab, fill in the Depressurization box (specific fields are highlighted in green below).

<table>
<thead>
<tr>
<th>Health &amp; Safety</th>
<th>Equipment</th>
<th>Building Shell</th>
<th>ASHRAE Ventilation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3) If the Depressurization (Pascals) field in the Target column (highlighted in red below) is two pascals or more (negative) than the CAZ Limit (Pascals) field in the Target column (highlighted in orange below), action can be taken to remediate the condition.

<table>
<thead>
<tr>
<th>Depressurization</th>
<th>Combustion System Type</th>
<th>Pre Wx</th>
<th>Target</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: the “Back Draft Potential” text will appear anytime the Depressurization (Pascals) field is more negative than the CAZ Limit (Pascals) field for a given column.

4) Guidance on CAZ testing, evaluation of test results, and potential remediation can be found in section 8.1.4 - 8.1.6 of the MN Weatherization Field Guide - SWS Aligned Edition in Appendix B.

5) Cost and probable effectiveness will be taken into account when selecting remediation measures.

6) All remediation measures must follow all applicable policies including the Allowable Measures Chart in Appendix C.