### Daily Safety Test-Out Summary Sheet

**Client name:** __________________________________________  **Job #:** __________________

**Revised 11/19/10**

<table>
<thead>
<tr>
<th>Test Set Up</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turn all combustion appliances off or to pilot</td>
<td>□ Yes</td>
<td>□ Yes</td>
<td>□ Yes</td>
</tr>
<tr>
<td>Remove forced air furnace filter</td>
<td>□ N/A</td>
<td>□ Yes</td>
<td>□ Yes</td>
</tr>
<tr>
<td>Close all exterior doors, windows and other openings</td>
<td>□ Yes</td>
<td>□ Yes</td>
<td>□ Yes</td>
</tr>
<tr>
<td>Close fireplace or woodstove dampers</td>
<td>□ N/A</td>
<td>□ Yes</td>
<td>□ Yes</td>
</tr>
<tr>
<td>Turn on clothes dryer and all other exhaust fans</td>
<td>□ Yes</td>
<td>□ Yes</td>
<td>□ Yes</td>
</tr>
</tbody>
</table>

(Clean dryer lint trap and use a “no heat” setting)
(Includes power attic ventilators)
(Do not operate whole house exhaust fans)

**Open supply registers** (Close supplies in CAZ) | □ N/A | □ Yes | □ Yes | □ Yes

**Interior door position:**
- **Fan Off** – Close all doors except to rooms with exhaust fans | □ Yes | □ Yes | □ Yes |
- **Fan On** – Smoke doors to rooms with exhaust fans | □ Yes | □ Yes | □ Yes |

**Blower door used to simulate 300 CFM fireplace flow?** □ N/A | □ Yes | □ Yes | □ Yes |

---

**CAZ Depressurization Test**

**Technician:** __________________________  __________________________  __________________________

**Date:** __________________________  __________________________  __________________________

<table>
<thead>
<tr>
<th>CaZ Door</th>
<th>Open</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnace fan: Off</td>
<td><em>Pa</em> Pa</td>
<td><em>Pa</em> Pa</td>
</tr>
<tr>
<td>Furnace fan: On*</td>
<td><em>Pa</em> Pa</td>
<td><em>Pa</em> Pa</td>
</tr>
</tbody>
</table>

* Reposition doors as needed

**Recreate conditions which caused the greatest negative pressure in the CAZ**

**Appliance Testing**

**Water Heater:** (Test the lowest Btu/hr input appliance first)

- Fire the water heater
- Was initial flow established in the vent? (5 sec) □ Yes □ No □ Yes □ No □ Yes □ No
- Did spillage disappear within 2 minutes? □ Yes □ No □ Yes □ No □ Yes □ No
- Draft pressure after 5 minutes: _Pa_ Pa _Pa_ Pa

**Furnace/boiler/space heater:**

- Fire the heating appliance
- Was initial flow established in the vent? (5 sec) □ Yes □ No □ Yes □ No □ Yes □ No
- Did spillage disappear within 2 minutes? □ Yes □ No □ Yes □ No □ Yes □ No
- Retest of smaller appliance: **Spillage**
  - Draft pressure _Pa_ Pa _Pa_ Pa
  - Furnace draft pressure after 5 minutes: _Pa_ Pa _Pa_ Pa
  - Outdoor air temperature: _°F_ _°F_ _°F_
“Worst Case Depressurization” Draft Testing

*Important*

DO NOT BREATHE SPILLING FLUE PRODUCTS!

Be safe! If the appliance does not establish a flow in the vent almost immediately, abort the test and follow the “Response to Failure” procedures. Do not wait for 2 minutes to see if the spillage disappears if the flow in the vent is in the wrong direction and into the room.

Response to Failure:

1) Disable portions of “Worst Case” set-up until the furnace or water heater functions properly.

2) Inform the client of what to do/not do with the house until permanent corrective action can be taken.

3) Notify your Wx Auditor/Supervisor that action is needed to repair problems with the home.

*Emergency condition*

If “worst case” is completely undone and the appliances still do not function under “normal” operating conditions:

- Do not operate the appliance until safety repairs are completed!
- Contact your supervisor.

Specifications:

A) Flow of flue products must be established to the exterior of the structure in the vent almost immediately.

B) There should be no spillage within 2 minutes of operation.

C) Operation of the furnace should not cause spillage or a reduction in draft pressure in any other appliance it shares combustion air with.

C) Adequate draft pressure after 5 minutes is:

<table>
<thead>
<tr>
<th>Outdoor Temperature</th>
<th>Minimum Draft Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greater than 80 Degrees F.</td>
<td>-.005” W.C.</td>
</tr>
<tr>
<td>Between 60 and 80 Degrees F.</td>
<td>-.008” W.C.</td>
</tr>
<tr>
<td>Between 40 and 60 Degrees F.</td>
<td>-.012” W.C.</td>
</tr>
<tr>
<td>Between 20 and 40 Degrees F.</td>
<td>-.016” W.C.</td>
</tr>
<tr>
<td>Less than 20 Degrees F.</td>
<td>-.02” W.C.</td>
</tr>
</tbody>
</table>

INCAA Training Center - Indianapolis, IN - www.incap.org