

Standalone Event – Site Visit Diagnostic Tests

- The MN Weatherization Field Guide- *SWS Aligned Edition* can be found in Appendix B.

- **General Tests**
 - Ambient CO test in kitchen and living area (*8.1 MN Weatherization Field Guide*)
- **Water Heater**
 - Test for Fuel Leaks (*8.1 MN Weatherization Field Guide*)
 - Water Heater Combustion Analysis/CO in Flue (*8.1 MN Weatherization Field Guide*)
 - PVC test holes must be plugged with threaded, gnarled screws to create a tight seal
 - CAZ Depressurization Test (*8.1 MN Weatherization Field Guide*)
 - Combustion Spillage Test (*8.1 MN Weatherization Field Guide*)
 - Hot Water Temperature (*10.4 MN Weatherization Field Guide*)
- **Heating Plant**
 - Test for Fuel Leaks (*8.1 MN Weatherization Field Guide*)
 - Heating Plant Combustion Analysis/CO in Flue (*8.3 MN Weatherization Field Guide*)
 - PVC test holes must be plugged with threaded, gnarled screws to create a tight seal
 - When a heating system manufacturer does not allow drilling of a metal flue, use a combustion analyzer to test ambient CO at the front of the heating system cabinet and in the closest supply register.
 - CAZ Depressurization Test (*8.1 MN Weatherization Field Guide*).
 - Combustion Spillage Test (*8.1 MN Weatherization Field Guide*)
 - Test Furnace Shutoff Switch (*8.5 MN Weatherization Field Guide*)
 - Heat Rise Test on Furnace (*8.3.1 MN Weatherization Field Guide*)
 - Ambient CO Test in Mechanical Room and Living Space (*8.1 MN Weatherization Field Guide*)
 - Heat Exchanger Integrity Test beyond visual (*8.7 MN Weatherization Field Guide*)
- **Space Heater (including gas fireplaces)**
 - Test for Fuel Leaks (*8.1 MN Weatherization Field Guide*)
 - Combustion Analysis/CO in Flue (as feasible) (*8.4 MN Weatherization Field Guide*)
 - CAZ Depressurization Test (*8.4 MN Weatherization Field Guide*)
 - Combustion Spillage Test (as feasible) (*8.4 MN Weatherization Field Guide*)