Standalone Event – Quality Control Inspection Tests

- The MN Weatherization Field Guide- SWS Aligned Edition can be found in Appendix B.
- CAZ Depressurization tests are not required in dwellings where all space and water heating plants are electric.

- **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)*
  - Combustion Analysis/CO in Flue *(8.1 MN Weatherization Field Guide)*
  - CAZ Depressurization Test *(BPI 1200 Testing Standard, 8.1 MN Weatherization Field Guide)*
    - PVC test holes must be plugged with threaded, gnarled screws to create a tight seal
  - Combustion Spillage Test *(BPI 1200 Testing Standard, 8.1 MN Weatherization Field Guide)*
  - Hot Water Temperature (if replaced or repaired) *(10.4 MN Weatherization Field Guide)*

- **Heating Plant**
  - Test for Fuel Leaks *(8.1 MN Weatherization Field Guide)*
  - 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
    - 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 *(BPI 1200 Testing Standard, 8.1 MN Weatherization Field Guide)*
  - Combustion Spillage Test *(BPI 1200 Testing Standard, 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(s) and Living Space *(8.1 MN Weatherization Field Guide)*
  - Smoke Test on Oil Furnace/Oil Water Heater (on units that have been repaired or replaced) *(8.6 MN Weatherization Field Guide)*

- **Space Heater (including gas fireplaces)**
  - Test for Fuel Leaks *(8.1 MN Weatherization Field Guide)*
  - Combustion Analysis/CO in Flue *(8.1 MN Weatherization Field Guide)*
  - CAZ Depressurization Test *(BPI 1200 Testing Standard, 8.1 MN Weatherization Field Guide)*
  - Combustion Spillage Test *(BPI 1200 Testing Standard, 8.1 MN Weatherization Field Guide)*