IOWA WEATHERIZATION PROGRAM NOTICE 14-01

TO: Executive Directors and Weatherization Coordinators

FROM: Gwen Howe, Bureau of Weatherization

DATE: June 27, 2014

RE: Weatherization Work Standards

Purpose:
Final implementation of the Iowa Weatherization Work Standards

All houses evaluated July 1, 2014 and after will be completed using the revised Iowa Weatherization Standards and Field Guide Manual which was issued in March 2014. Two versions of the manual are available on the Iowa Weatherization Members Only website – one is marked up to show all the changes, the other is a "clean" version with a table of contents.

Listed below are recent revisions to the manual.

1010 SUMMARY OF STANDARDS
Number of Occupants
- For the WAMS:
  Enter the actual number of occupants living in the building.
- For ASHRAE 62.2 calculations (RED Calc):
  Enter the actual number of occupants living in the building (minimum of 2).

Number of Bedrooms
- For the blower door (TECTITE):
  Enter the number of bedrooms for the building being tested. The program uses the actual number of occupants and the actual number of bedrooms.

2023.04 Heating Unit Installation
All HVAC work shall be performed by a qualified, HVAC technician or trained agency personnel. Load calculation will be performed in accordance with ANSI/ACCA 2 Manual J and manufacturer specifications. If agencies do not run the complete Manual J calculation, Energy Auditors must perform an estimated Manual J calculation to be included with the invitation to bid. The winning bidder must then perform the complete Manual J calculations to confirm the size of heating unit to be installed. The full calculation printout must be included in the client house file.

Section 2024.03 Water Heater Installation
Expansion tank: If the water heater is being installed on an open system (water lines with no backflow prevention), backflow prevention will be installed between the meter and the expansion tank in accordance with manufacturer specifications and all applicable codes.

A simple Manual J spreadsheet is attached which you may use to meet the new requirement for 2023.04.

If you have any questions, please feel free to contact me.

Division of Community Action Agencies

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