



Nathan Deal
Governor

GEORGIA ENVIRONMENTAL FINANCE AUTHORITY

Kevin Clark
Executive Director

GEORGIA WEATHERIZATION PROGRAM NOTICE 14-04 EFFECTIVE DATE: October 9, 2014

SUBJECT: Implementation of ASHRAE 62.2-2013.

PURPOSE: To provide the Georgia WAP network with an ASHRAE 62.2-2013 Ventilation Rate Calculator and updates for the ASHRAE 62.2-2013 Standard.

SCOPE: The provisions of this guidance apply to all sub-grantees awarded a weatherization assistance grant by GEFA under the Department of Energy (DOE) Weatherization Assistance Program.

PROCEDURES: The DOE requires all grantees to comply with the ASHRAE 62-2-2013 ventilation standard as prescribed in its Weatherization Program Notice 11-6, addressing Health and Safety guidance measures. As such, sub-grantees are required to use the ASHRAE 62.2-2013 Standard to evaluate all units for weatherization.

What is the ASHRAE 62.2-2013 Standard?

Guidance to make the air in homes healthier and safer without adding significant costs. ASHRAE 62.2, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings, is the only nationally recognized indoor air quality standard developed solely for residences.

What are some key components of the ASHRAE 62.2-2013 Standard?

- ASHRAE 62.2-2013 evaluation requires fan flow metering, evaluation of air distribution systems and existing fans and follow up testing to ensure compliance.
- Occupants or owners must be provided information on the ventilation system, its operation and maintenance.
- ASHRAE 62.2-2013 determines ventilation needs of a home using estimates of natural air-change and pressure diagnostics.
- Whole building ventilation - a mechanical exhaust system, supply system, or combination thereof must be installed in a dwelling unit to provide whole-building ventilation when evaluation determines necessary.
- Local exhaust fans must be installed in full baths and kitchens and vented to the outdoors.
- Ventilation air must come from outdoors.
- Controls must be labeled to their functions.
- Must prevent migration of contaminants to adjoining occupied spaces, including sealing of ducts in a garage.
- Whole building ventilation requirements may be satisfied by intermittent operation.
- 1 zone maximum for whole-building fans, continuous and intermittent. 3 zone maximum occupant-controlled fans. Existing fans and air handlers are exempt.
- CO alarms must be installed in every dwelling unit regardless of fuel source.

Required use of ASHRAE 62.2-2013 Ventilation Rate Calculator

All sub-grantees are required to use the online Residential Energy Dynamics (RED) ASHRAE 62.2-2013 Ventilation Rate Calculator to evaluate units using 2014-2015 DOE funding.

Required Documentation of the RED ASHRAE 62.2-2013 Ventilation Rate Calculation

All client files for weatherized units must have a print out of the RED ASHRAE 62.2-2013, showing all applicable inputs, fields and the Whole Building Ventilation Results.

Required Training

All sub-grantees are required to have at least one person on staff attend an ASHRAE 62.2-2013 training, preferably those using the ASHRAE 62.2-2013 Ventilation Rate Calculator, assessors and inspectors. Trainings must be acquired at an approved IREC training facility.

GEFA Sponsored Webinar

There will be a webinar hosted by GEFA on October 15, 2014 at 10 am. All sub-grantees must have at least one attendee present on the Webinar, preferably those persons using the ASHRAE 62.2 Ventilation Rate Calculator. The following will be covered:

- Overview of the main changes from ASHRAE 62.2-2010 to ASHRAE 62.2-2013. Note: this is not a training.
- Overview of the online Residential Energy Dynamics (RED) ASHRAE 62.2-2013 Ventilation Rate Calculator.

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Sign for acknowledgement of receipt & understanding

_____ (*Weatherization Sub-grantee Name*), certify that we have read and understand the Guidance contained in this notice. Signatures indicate receipt of this guidance and certify our sub-grantee will immediately begin adhering to the attached guidance.

_____ Executive Director _____ Date

Return to Debbie Smiley by October 31, 2014