



Missouri WAP Technical Newsletter

DOE Quality Work Plan Updates:

As part of DOE's Quality Work Plan, grantees are required to provide comprehensive Tier I training for WAP workers aligned with the NREL Job Task Analysis (JTA). JTAs have been created for Energy Auditor (EA), Retrofit Installer, Crew Leader, and Quality Control Inspector (QCI). Tier I training provided by grantees must be administered by a training program that is accredited by IREC for the JTA being taught.

At this time, we have completed six Tier I training sessions. The first four sessions were QCI trainings. The most recent sessions were two EA trainings. Our next two Tier I trainings will be for the Crew Leader JTA. The trainings will, again, be conducted by Southface Energy Institute who is an IREC accredited program for all JTAs. The Crew Leader trainings will be held May 2-6 and July 25-29. Both trainings will be in Jefferson City. Attendees have been selected and notified for the May event. July trainees will be notified shortly after the May training.

Please note that agencies are allowed to use T&TA funds to send staff to trainings beyond those arranged by DED/DE. Although DED/DE is required to use IREC accredited organizations for our Tier I trainings, agencies may seek training from either accredited or non-accredited organizations.

Technical Updates and Reminders:

SIR "Buy Down"

Subgrantees may not use any funding source to "buy down" the cost of a measure to a point where it has an SIR of 1.0 or greater except for in Multi-family buildings as outlined in the Technical Manual, Section IX, Subsection A, Topic 3: Expenditures/Funding Issues. DED/DE does not prohibit the installation of an entire weatherization measure with non-DED/DE administered funds.

Window Replacement Requests

As of January 1, 2016, a request to replace windows must be submitted and approved by DE prior to replacing 6 or more windows. The request must include copies of the NEAT/MHEA Recommended Measures List and Input Report as well as pictures of the existing windows that are cost-effective to replace. A request does not have to be submitted to replace/install storm windows that are cost-effective.

When evaluating windows for replacement in the computerized audit, leakiness is based primarily on the window type and the condition of the frame, sashes, and weather stripping. Once the leakiness level is determined using those factors, the level may be modified to take into account the condition of the window panes and the presence of a storm window based on the descriptions outlined in the Technical Manual: Attachment 3.7: Window Leakiness Guide.

Energy Star

All homes audited on or after July 1, 2016, will be required to meet or exceed the new Energy Star requirements for installed heat pumps and air conditioners in site built homes. Keep these criteria in mind as you go through the bid process for HVAC contracts. The criteria are as follows:

New Requirements:

Air Source Heat Pumps-

Split System: 8.5 HSPF or greater and 15 SEER or greater

Package Units: 8.2 HSPF or greater and 15 SEER or greater

Central Air Conditioners-

Split System: 15 SEER or greater

Package Units: 15 SEER or greater

Mobile Homes-

The Energy Star requirement for central air conditioners and heat pumps will not be required in mobile homes as of July 1, 2016. This is due to a lack of available equipment meeting these qualifications that are rated for use in mobile homes. As more equipment becomes available this exemption will be re-evaluated.

ASHRAE 62.2

If a blower door test cannot be performed due to the presence of friable asbestos or vermiculite, a zero (0) must be entered in the "Final Inspection CFM50" box on the ASHRAE 62.2 Form. The zero is required when determining the "Continuous Mechanical Ventilation Needed" because no credit for infiltration may be entered when a blower door test is not performed. If the friable asbestos is, later, encapsulated or the vermiculite is found to not contain asbestos, then a blower door test needs to be performed and the results entered into the ASHRAE 62.2 Form. Keep in mind that when a blower door cannot be done, the CFM50 entered into the NEAT/MHEA program should be estimated by using two times the square footage of the home as a guide. Refer to the Technical Manual, Section IV, Subsection A. for more information.

Change Work Orders

A signed and dated, agency developed, Change Work Order must be included in the client file whenever:

- an ECM, health and safety measure or incidental repair listed on the Recommended Measures is removed from the work scope, or
- an ECM, health and safety measure or incidental repair that is not listed on the Recommended Measures is added to the work scope.

The Change Work Order must be signed by the QCI, Energy Auditor, Weatherization Director or other agency staff member who has authority to approve the change in the work scope. Verbal approval for work changes may be given but must be followed by completion of the signed Change Work Order.

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