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December 20, 2010

Subject: Update regarding ENERGY STAR Certification Process

Dear CRRC Licensees and Members,

The CRRC recently met with EPA to address questions about the ENERGY STAR Roof Product Specifications, as well as the status of our application to become a Certification Body. EPA has reviewed our application and on December 17th approved the CRRC as a Certification Body (CB).

The CRRC is pleased to offer ENERGY STAR certification as an additional service for roofing product manufacturers participating in our Product Rating Program. Manufacturer products will fall under two tracks for the ENERGY STAR program: 1) existing ENERGY STAR rated products and 2) new ENERGY STAR rated products.

1) Existing ENERGY STAR rated products

Currently over 5,000 roofing products are listed under the ENERGY STAR Qualified Roof Program. Those existing ratings will all be adopted under the EPA verification protocol. These existing ratings do not need to be retested, however they will need to specify a CB for each product for verification testing purposes (10% selected and tested each year). Verification testing will ensure that the products meet the ENERGY STAR minimum reflectance and emittance standards, and may also verify that they meet the product's reflectance and emittance values as posted on the ENERGY STAR listing. Verification testing for ENERGY STAR will be performed in conjunction with our random testing program, therefore products will not be chosen twice in one year.

EPA will require all ENERGY STAR Partners to list a Certification Body for its existing rated products by March 31, 2011. If you have not yet done so, all ENERGY STAR Partners were asked to recommit to this new enhanced ENERGY STAR Program by November 30, 2010. We believe EPA extended this deadline to January 1, 2011. To do so please log into the My ENERGY STAR Account (MESA) tool by visiting www.energystar.gov/mesa. All products for Partners who have not recommitted by January 1, 2011 will be removed from the ENERGY STAR Qualified Products list by January 4, 2011.

If you have an ENERGY STAR listed product and you choose to select the CRRC as your CB, your product needs to be rated in CRRC's Product Rating Program. This will officially add it to the selection pool for the CRRC Random Testing Program. The product does not need to have completed the 3-year aged process yet, as the Random Testing Program will only be testing initial reflectance and emittance values.

The CRRC will be sending out a formal process by which products and licensees can become registered with the CRRC for ENERGY STAR certification.

2) New ENERGY STAR rated products

Products that are not yet listed on the ENERGY STAR Qualified Program list, but apply to do so after January 1, 2011 will need to be tested by an EPA approved laboratory and certified by an EPA approved CB. All seven of CRRC's Accredited Independent Testing Laboratories have applied to become ENERGY STAR recognized.

Please note that the Qualified Roof Program will undergo an update to its Specification document. The EPA intends to kick off this public stakeholder process in January 2011. This update will provide additional detail to the



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current language in the Specification document, and will help Partners, CBs and Laboratories ensure that credible ratings are provided for ENERGY STAR roof products.

If you would like a CRRC product to be newly listed on the ENERGY STAR program, please select the CRRC as your CB, and we will work with you to certify your product under the EPA verification protocol.

Important dates:

January 1, 2011: Enhanced ENERGY STAR program goes into effect.

March 31, 2011: Partners must choose a Certification Body for existing ENERGY STAR products, in order for their products to be included in the upcoming round of verification testing.

Certification Fees

The CRRC does not plan to initially charge Partners for ENERGY STAR certification beyond the general CRRC program fees. The CRRC intends to assess the first quarter to determine the amount of resources the ENERGY STAR process will entail. In the future the CRRC may start charging a nominal fee, if deemed necessary.

Specifying a Certification Body

ENERGY STAR will post a list of CBs on their website. To have products certified, Partners will choose a CB from this list and contact the CB directly. EPA will send out more direction before the March 31, 2011 deadline regarding specifying a CB for your ENERGY STAR products. For new ENERGY STAR listed products, please contact the CRRC for certification.

CRRC and ENERGY STAR Program Discrepancies

Although the ENERGY STAR program allows samples for aged testing to be taken from existing roofs, the CRRC does not use this method of collection in our program. All products rated with the CRRC that wish to also be listed with ENERGY STAR will be subject to [CRRC-1 Program Manual](#) procedures, and will require that all aged testing be completed at one of our [accredited Test Farms](#).

Currently Compound Ratings are not mentioned in the ENERGY STAR Roof Product Specifications. We have confirmed with EPA that compound ratings will be allowed if used in the CRRC program. EPA will also allow Partners to have lower values posted than their test results, as currently allowed in the CRRC program.

Please do not hesitate to contact us if you have any questions regarding the ENERGY STAR verification process. Happy Holidays!!

Best,
Sherry

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