

California Track at RESNET 2007

HVAC Changeout Verification Using Certified Quality Assurance

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With Presentors

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California Building Performance Contractors
Association

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Agenda

- Overview statement, introductions and house keeping: Charles
- Presentation on HERS Required Field Verification and Diagnostic Testing using the Third Party Quality Control Program: Randel
- Description of CBPCA's TPQCP Provider's approach using a "Step by Step" document prepared for building departments: Randel
- Presentation of CalCerts TPQCP and discussion of problems being experienced by Raters: Mike

What is a Third Party Quality Control Program? (aka TPQCP)

California Energy Commission's Definition

- TPQCPs approved by the Commission may serve the function of HERS raters for filed verification purposes and shall:
 - Provide training to installers regarding compliance requirements for measures for which diagnostic testing and field verification is required

TPQCP -- Continued

- Collect data from participating installers for each installation completed for compliance credit,
- Complete data checking analysis to evaluate the validity and accuracy of the data to independently determine whether compliance has been achieved, and shall not be alterable by the installer to indicate that compliance has been achieved when in fact compliance has not been achieved..

TPQCP -- Continued

- Provide direction to the installer to retest and correct problems when data checking determines that compliance has not been achieved,
- Require resubmission data when testing and correction is directed, and
- Maintain a database of all data submitted in a format that is acceptable to the Commission and available to the Commission upon request.

TPQCP -- Continued

➤ TPQCP shall:

- Obtain the services of an independent HERS rater to conduct field verifications, completing all of the responsibilities of a HERS rater with the exception that sampling shall be completed for a group of up to thirty dwelling units and sampling and re-sampling shall be completed for a minimum of one out of thirty sequentially completed dwelling units from the group.

TPQCP -- Continued

Currently there are two HERS Providers that are approved for providing a TPQCP

The California Building Performance Contractors Association (CBPCA)

And

CALCerts

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enalsys is a Third Party Quality Control Program Provider affiliated with the CBPCA HERS Provider.