No-cost Training Workshop

Insulation Options for New & Existing Homes

Tuesday March 26, 2013
8:30 AM to 3:30 PM
Santa Cruz Police Department (Community Room)
155 Center Street, Santa Cruz, CA 95060

Class Description

Air sealing and thermal insulation that performs properly are the most critical components of a high performance new home or a retrofit project. The way the industry typically installs insulation reduces comfort, increase utility bills, and generates callbacks and liability issues for builders. Both the Quality Insulation Installation (QII) and Thermal Bypass Checklist are required in new Energy Star homes, and Title 24 offers compliance credit for QII. This class is for home builders, contractors, HERS raters, and energy consultants who want to get the envelope to really perform. Note- This class will be most useful to those who are familiar with basic building science principles and have some experience with residential insulation.

Following is a representative selection of concepts to be covered:

- How insulation works and how its performance is measured & tested
- Benefits of QII and Thermal Bypass Checklist: whole building impacts
- Common installation misconceptions and problem areas found in homes
- Title 24 compliance credit for QII: benefits & magnitude
- Overview of PG&E’s Residential New Construction program
- Energy Star Home program requirements: QII & Thermal Bypass Checklist
- Title 24 compliance credit for QII: documentation requirements
- Inspection & verification training of insulation installations

Instructor Information

Steve Easley is an internationally recognized construction consultant specializing in solving building science related problems and educating building industry professionals. His work focuses on increasing quality of construction, sustainability, and reducing costly mistakes that lead to construction defects and callbacks. Steve is a spokesperson for the Green Building Initiative, member of the U.S. Green Building Council, and an advisor to the National Association of Home Builders Quality in Housing Council. He was a tenured Professor of Building Construction and Contracting at Purdue University for 10 years.

Complimentary continental breakfast and hot lunch will be provided.

This program is funded by California utility customers and administered by Pacific Gas and Electric Company, under the auspices of the California Public Utilities Commission.

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