

RESNET's Effort to Develop National Energy Audit Standard

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Why RESNET National Energy Audit Standard?

An economic issue of convincing a homeowner to invest in the process, combined with a history of free or low cost, but ineffective, “audit” products.

Unless provided with a compelling cause or subsidies, a large majority of American homeowners are not willing to invest several hundred dollars to determine the performance of their homes and learn how to improve the performance.

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Goal

Develop a set of rules and best practices for persons who want to label themselves as an energy auditor and to provide national guidance on how an energy auditor approaches a home and conducts the needed data collection and analysis.

The end result is intended to properly inform a homeowner and lead them to invest in cost effective energy improvements to the home.

National Energy Audit Framework

A series of steps that would lead a homeowner to invest in cost-effective measures that would improve their home's energy performance while also looking at any major health and safety issues.

National Energy Audit Framework

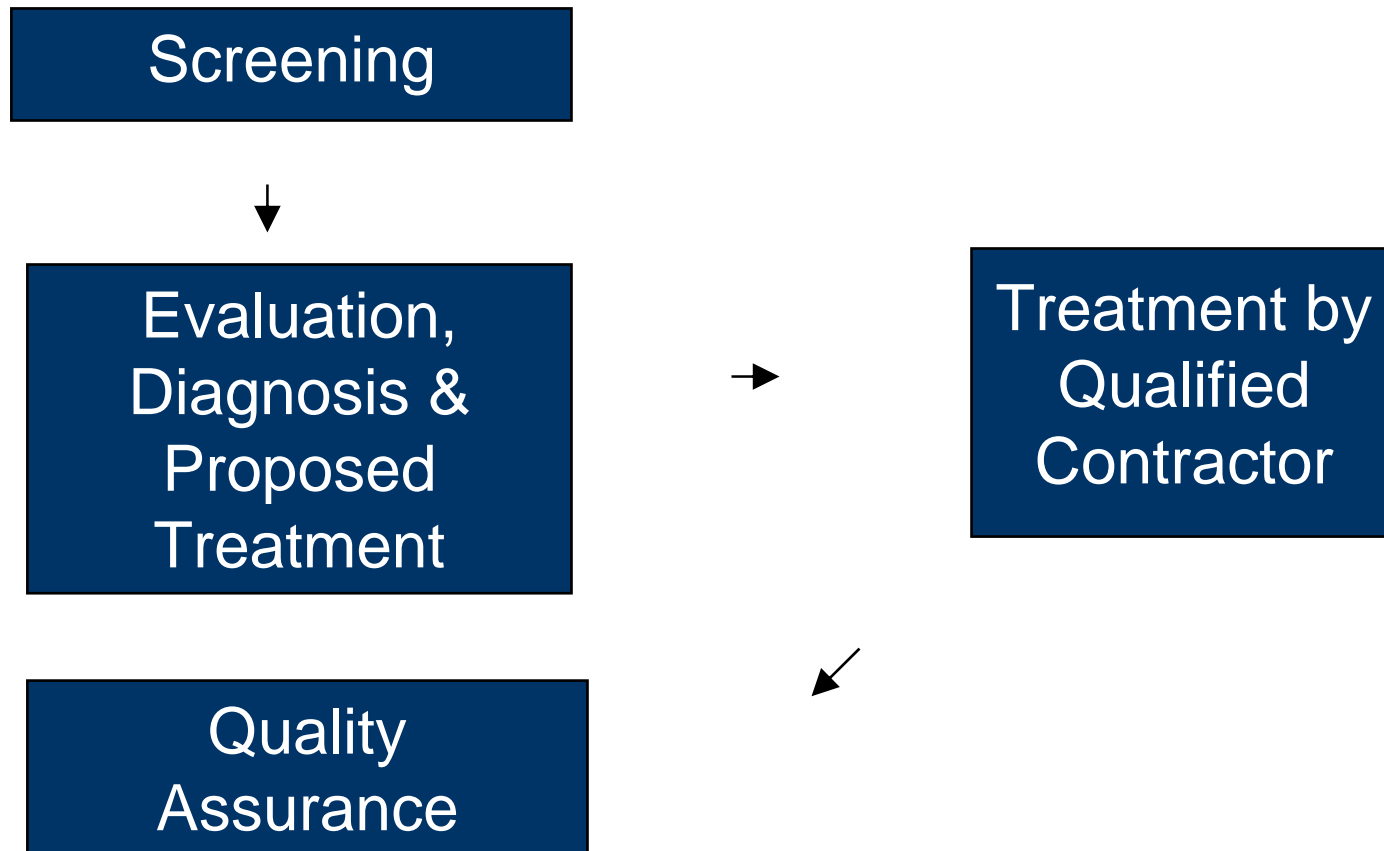
Modeled on Health Industry

Many Americans are not willing to get a regular check up despite its obvious benefits.

Low cost/no cost screening at a mall, health fair, or workplace where individuals receive services such as blood pressure and cholesterol testing along with information on exercise and healthy lifestyles.

If the tests are outside of the normal range, the person is urged to see a doctor for a more thorough checkup.

National Energy Audit Framework



Screening

This step would serve as a filter in which the level of the commitment by the homeowner, and the overall energy performance of the home, is determined.

Evaluation

Evaluation would involve a review of the data collected from the screening, discussion of further measurement and/or performance testing, pre-work safety testing, and an analysis of the home's performance.

Diagnosis and Proposed Treatment

Diagnosis is the more sophisticated analysis that determines the final scope of work. In this step, the professional would pinpoint the cause of the problems and propose specific actions to remedy the problem. The homeowner would then be provided with a referral to a qualified contractor to carry out the required treatment.

Treatment by Qualified Contractor

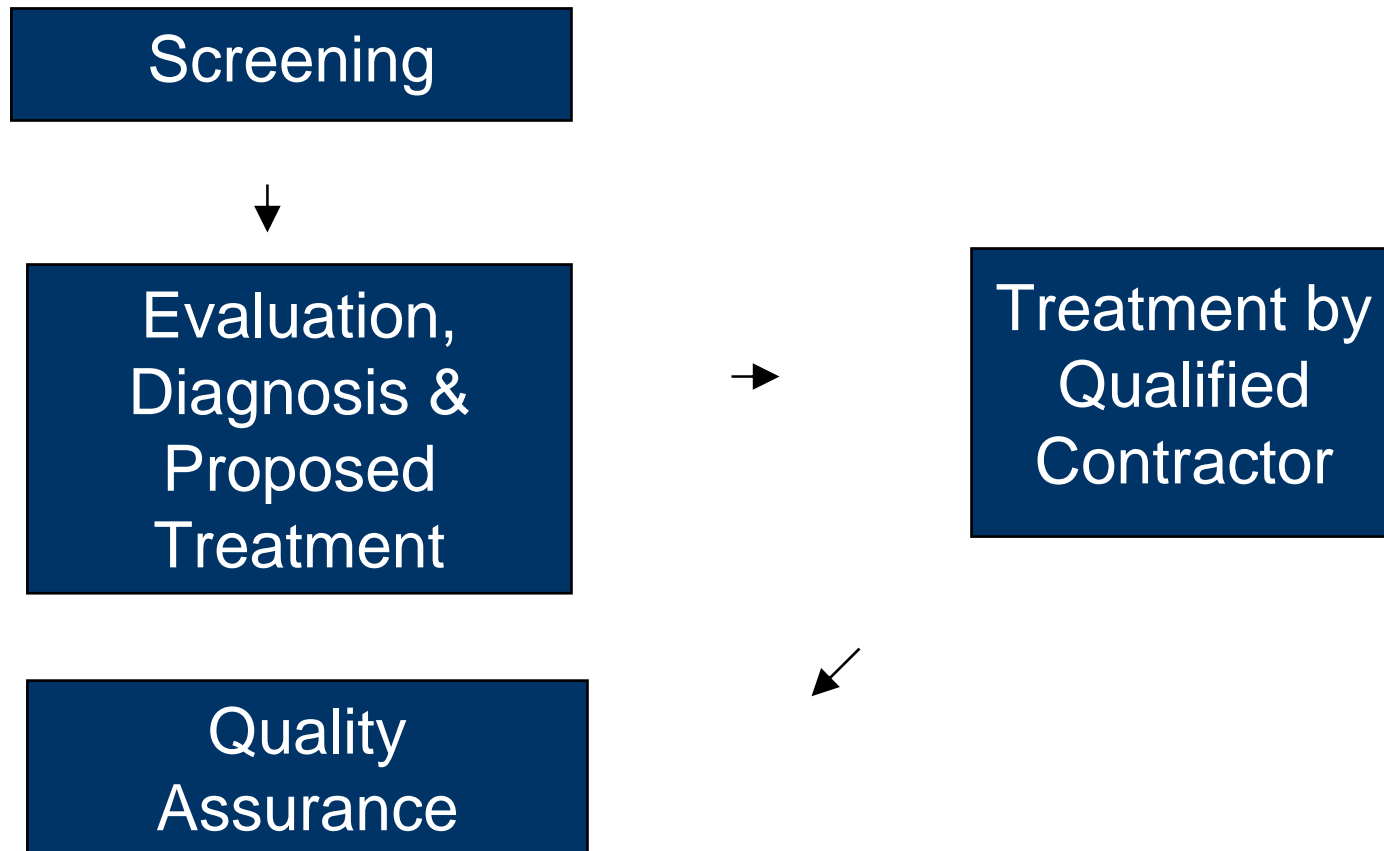
Armed with the analysis conducted through the audit process a qualified contractor would make the needed upgrades.

This process would also involve post-testing the home after the improvements are made, and any required post-work safety checks.

Quality Assurance

Improvements are inspected for quality and the house is tested out.

National Energy Audit Framework



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