

# Energy Audit - In Home Assessment

- Eco Advantage Energy Advisors

What happens during a Residential Energy Assessment?

This presentation details procedures and protocols followed by an Energy Advisor during an in-home visit for a typical residential energy assessment.

# A typical home...





# The Energy Advisor arrives.





# The Assessment begins with pictures...



...and measurements  
documenting the exterior.





# Home comfort systems are photographed...



...and documented.





# Heating systems are verified.





...and checked for their energy efficiency...

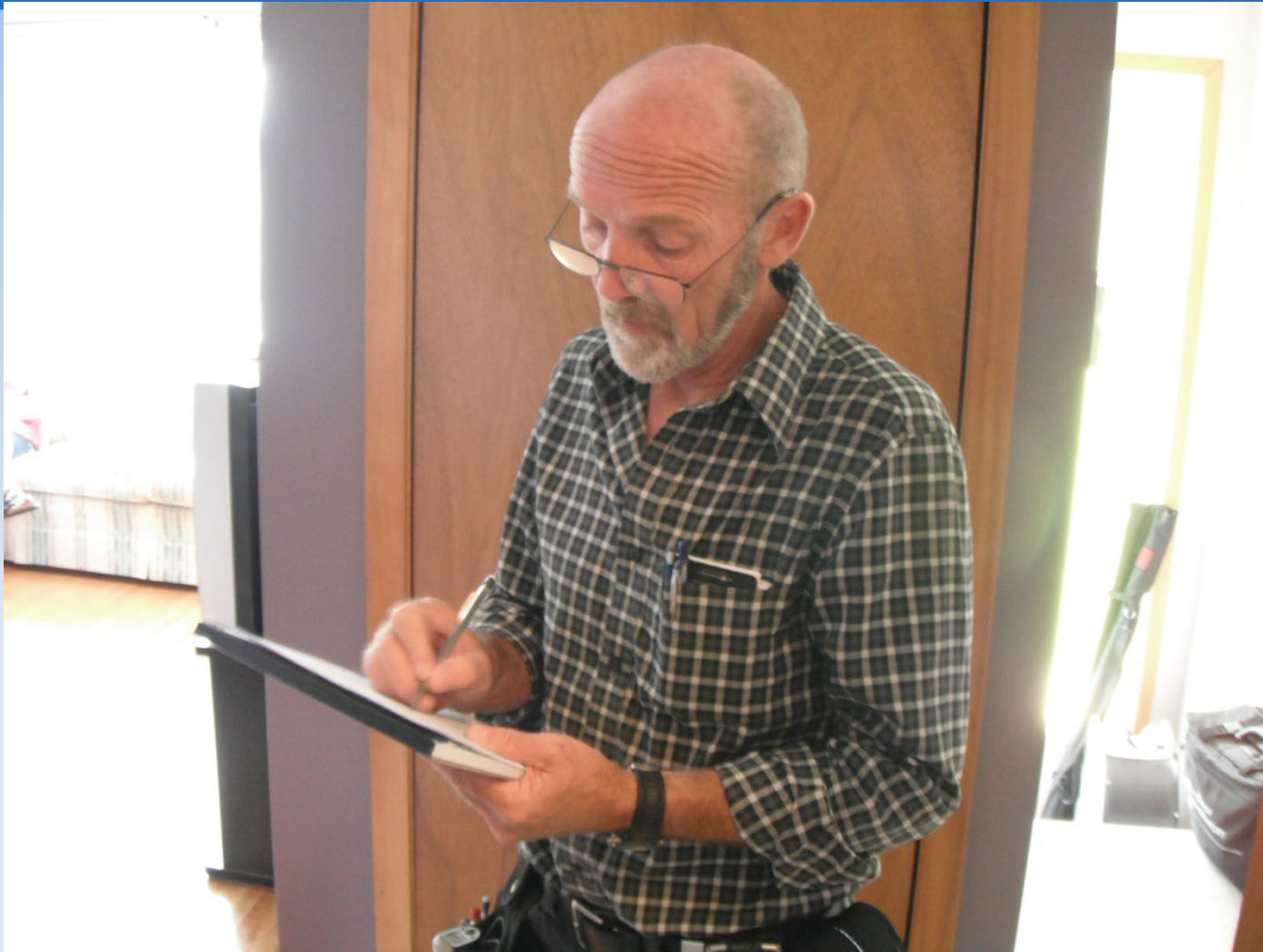


...as are Domestic Hot Water systems.





# The building envelope is examined...



...from the attic...





... to the wall insulation...



...to the basement construction.





**Formalcode TUB ID 44237 INITIAL ASSESSMENT**

*Handwritten notes on the form:*

- Top right: 10'0" x 10'0"
- Right side: 10'0" x 10'0"
- Bottom right: 10'0" x 10'0"
- Bottom center: 10'0" x 10'0"
- Left side: 10'0" x 10'0"
- Center: 10'0" x 10'0"

**Door Codes**

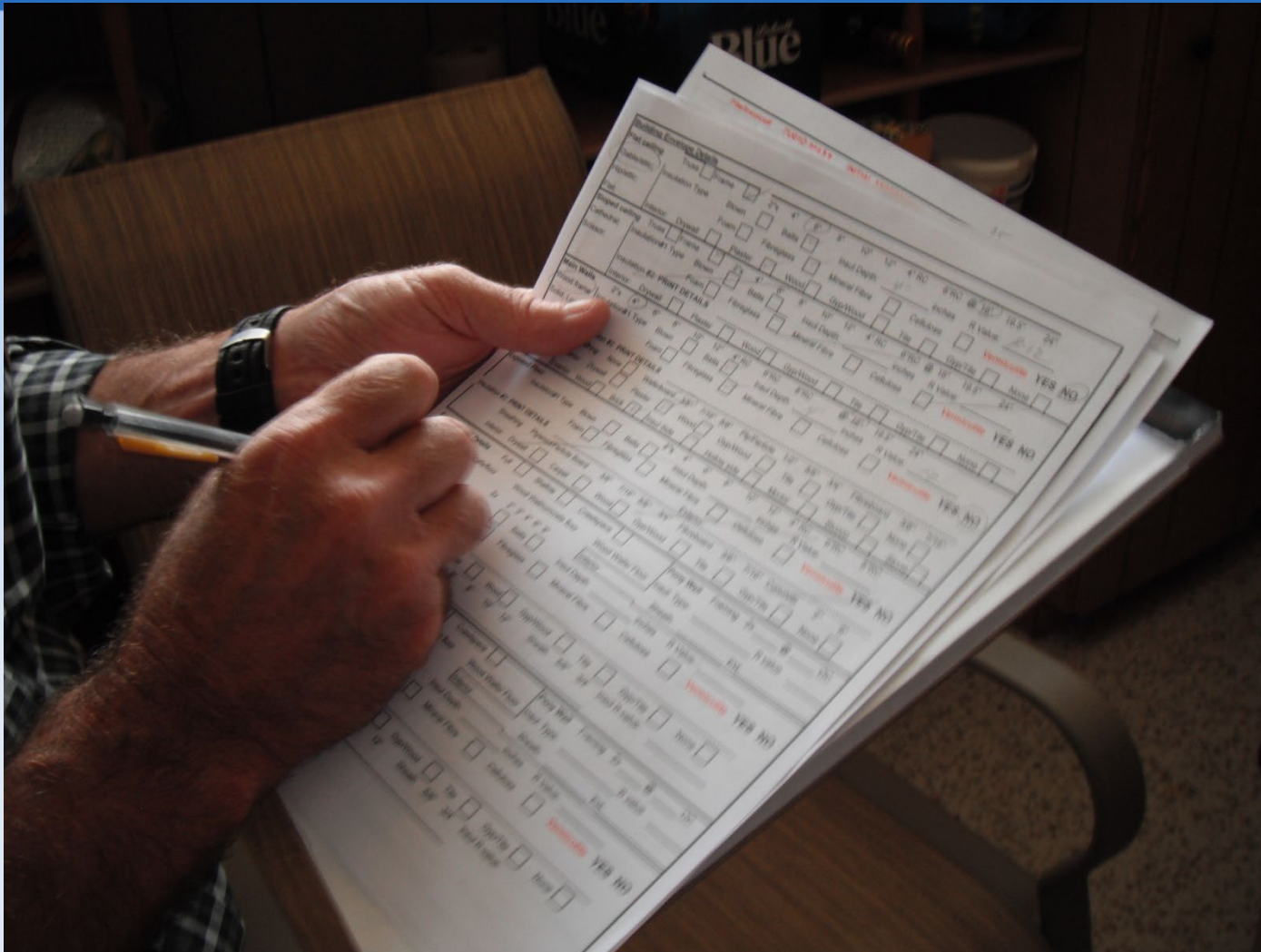
Code	Type	Size	Window	Use
W1	Wood hollow core			
W2	Wood solid core			
S1	Steel fireproof core			
S2	Steel fireproof core			
S3	Steel fireproof core			
S4	Steel fireproof core			
S5	Steel fireproof core			
S6	Steel fireproof core			
S7	Steel fireproof core			
S8	Steel fireproof core			
S9	Steel fireproof core			
S10	Steel fireproof core			

**Foundation Codes**

Code	Type	Size	Window	Use
F1	Foundation			
F2	Foundation			
F3	Foundation			
F4	Foundation			
F5	Foundation			
F6	Foundation			
F7	Foundation			
F8	Foundation			
F9	Foundation			
F10	Foundation			

**NOTE: Use Window Codes from Equipment Sheet**

...over 5 pages of data.





# The Energy Advisor performs a Blower Door test on the home.



# A powerful fan depressurizes the home to -50 Pa....





**...and the Advisor checks the home for air leakage.**



# Finally the Advisor presents the preliminary findings...





...and recommends possible energy efficiency upgrades.



# Another in-home assessment completed!

