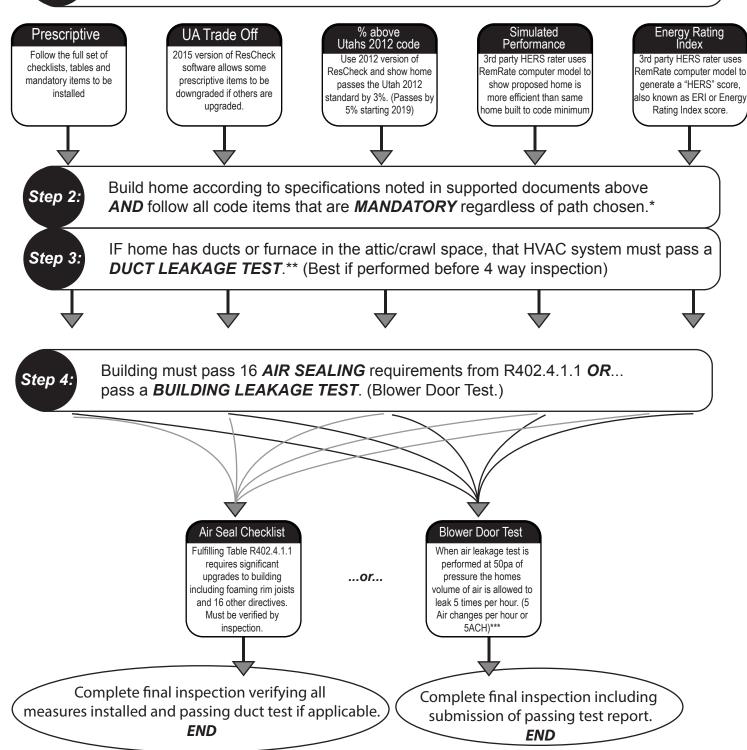# Utah's 2015 Residential Energy Code Compliance Paths

A simplified walk-through of Utah's version of the IECC 2015 building code.
For an online version of the quick guide go to http://bit.ly/utenergycodeguide

Step 1: Builder chooses one of five compliance paths and turns in document indicating their choice along with supporting information and blueprints.

Prescriptive
Follow the full set of checklists, tables and mandatory items to be installed

UA Trade Off
2015 version of ResCheck software allows some prescriptive items to be downgraded if others are upgraded.

% above Utahs 2012 code
Use 2012 version of ResCheck and show home passes the Utah 2012 standard by 3%. (Passes by 5% starting 2019)

Simulated Performance
3rd party HERS rater uses RemRate computer model to show proposed home is more efficient than same home built to code minimum

Energy Rating Index
3rd party HERS rater uses RemRate computer model to generate a "HERS" score, also known as ERI or Energy Rating Index score.

Step 2: Build home according to specifications noted in supported documents above *AND* follow all code items that are *MANDATORY* regardless of path chosen.*

Step 3: IF home has ducts or furnace in the attic/crawl space, that HVAC system must pass a *DUCT LEAKAGE TEST*.** (Best if performed before 4 way inspection)

Step 4: Building must pass 16 *AIR SEALING* requirements from R402.4.1.1 *OR*...
pass a *BUILDING LEAKAGE TEST*. (Blower Door Test.)

Air Seal Checklist
Fulfilling Table R402.4.1.1 requires significant upgrades to building including foaming rim joists and 16 other directives. Must be verified by inspection.

...or...

Blower Door Test
When air leakage test is performed at 50pa of pressure the homes volume of air is allowed to leak 5 times per hour. (5 Air changes per hour or 5ACH)***

Complete final inspection verifying all measures installed and passing duct test if applicable.
END

Complete final inspection including submission of passing test report.
END

*Items that are labeled "mandatory" in sections 401 - 404 are required regardless of path chosen.
**Ducts must leak less than 8 cfm per 100sq.ft. with air handler attached. Less than 7 in 2019, Less than 6 in 2021.
***Blower door requirement is leakage less than 5ACH at 50pa. Starting 2019 it will be 3.5ACH. In 2021, less than 3ACH.
DISCLAIMER: This code walk through is not intended to be a complete reading of the code.