Department of Licenses and Inspections
CITY OF PHILADELPHIA

2021 Philadelphia Residential Energy Conservation—

Documentation Compliance Flowchart

Occupancy Type

One- and two-family dwellings and townhouses four (4) or more stories, and Groups R-2, R-3, and R-4, three (3) stories or less

One- and two-family dwellings and townhouses three (3) or less stories.

Application Documents

2021 IECC (Residential)

- Construction Design Documents
- RESCheck Analysis Documentation (*Optional*)
- 2021 IECC Residential Compliance Path Selection Form
- EZ Warm-Air Appliance & Ductwork (New Construction) Standard
- EZ Plumbing (New Construction) Standard
- Special Inspections Statement Form: Air Leakage Testing Agency
- HVAC Equipment Design Form

2021 IRC

- Construction Design Documents
- 2021 IECC Residential Compliance Path Selection Form
- EZ Warm-Air Appliance & Ductwork (New Construction) Standard
- EZ Plumbing (New Construction) Standard
- Special Inspections Statement Form: Air Leakage Testing Agency
- HVAC Equipment Design Form

Prescriptive Method

Prescriptive Method with UA Envelope Tradeoff

- ResCheck Compliance Documentation

Total Building Performance Method

- Annual Energy Cost Analysis Report
- Energy Analysis Documents with Input and Output Reports
- Documentation of energy use reduction associated with on-site renewable energy

Energy Rating Index Compliance

- Proposed Design ERI Compliance Reports, including Software Inputs and Calculation Reports
- Compliance Software Methodology and Accuracy Documentation

Above Codes Program Compliance

- Proposed Design ERI Compliance Reports, including Software Inputs and Calculation Reports
- Compliance Software Methodology and Accuracy Documentation

2025 PA Alternative Residential Energy Compliance

Inspection Documents

Prescriptive Method

- Air Barrier & Insulation Installation Checklist
- Duct & Envelope Testing Form
- HVAC Equipment Certification Form
- Residential Thermal Envelope Certificate

Total Building Performance Method

- Air Barrier & Insulation Installation Checklist
- Duct & Envelope Testing Form
- HVAC Equipment Certification Form
- Certification signed by individual performing analysis and generating the report indicating as-built buiding components complying with proposed design
- Residential Thermal Envelope Certificate

Energy Rating Index Compliance

- Air Barrier & Insulation Installation Checklist
- Duct & Envelope Testing Form
- HVAC Equipment Certification Form
- Final As-Built ERI Report
- Completed Software Generated Energy Code Inspection Checklist
- Residential Thermal Envelope Certificate

Above Codes Program Compliance

- Air Barrier & Insulation Installation Checklist
- Duct & Envelope Testing Form
- HVAC Equipment Certification Form
- ENERGY STAR Certificate OR PECO New Home Rebates Certificate
- Residential Thermal Envelope Certificate

2025 PA Alternative Residential Energy Compliance

- Air Barrier & Insulation Installation Checklist
- Duct & Envelope Testing Form
- HVAC Equipment Certification Form
- Residential Thermal Envelope Certificate