



Setting the Standards for
Home Energy Efficiency

Amendment Chapter: Chapter Two: RESNET NATIONAL STANDARD FOR INSTRUCTION, ASSESSMENT AND CERTIFICATION

Proponent:

RESNET Instruction, Assessment and Certification Standards Development Committee

Applies to:

Mortgage Industry National Home Energy Rating System Standards (2013) Addendum Chapter Two

Chapter Two

RESNET Standards

RESNET Standards

National Standard for Instruction, Assessment and Certification

200 PURPOSE AND SCOPE

These standards define the requirements of Accredited Training Providers, Certified Rater Instructors, and Certification Candidates. RESNET shall confirm that the requirements defined in this standard have been met when accrediting Training Providers and certifying Rater Instructors. Accredited Rating Quality Assurance Providers shall confirm that the requirements defined in this standard have been met when certifying individuals. This enhances the goal of producing a nationally recognized and uniform program.

201 GENERAL PROVISIONS

201.1 Definitions and Acronyms

See Appendix B.

202 ACCREDITED TRAINING PROVIDERS

202.1 Achieving Accreditation

Training Providers are accredited in accordance with the Accreditation Process specified in Section 910.2 - Provider Accreditation Process. Training Providers shall complete the RESNET Rater Training Provider Accreditation Application.

202.2 Maintaining Accreditation

In order to maintain their accreditation in good standing, all Training Providers shall fully discharge the following duties and responsibilities. Failure to properly discharge any of these duties and responsibilities constitutes grounds for disciplinary action in accordance with *Section 912 - Probation, Suspension, and Revocation of Accreditation*.

202.2.1 Renew their accreditation in accordance with the renewal process found in Section 911 .3 - Accreditation Renewal Process.

202.2.2 Maintain certified Rater Instructors. Only RESNET certified Rater Instructors can offer rater training through a RESNET accredited Rater Training Provider.

202.2.3 Hold the exam questions administered by RESNET in strictest confidence.

202.2.4 Maintain records for three years of all training materials and trainee data, training schedules, curricula, attendance records, examinations and individual examination results. This information shall be made available to RESNET upon request by RESNET.

202.2.5 Provide candidates with a certificate or letter of completion, which accurately includes the candidate's legal name and completion dates of any items required for the candidate's certification.

202.2.6 Maintain curricula that align with the most up-to-date RESNET standards.

202.2.7 Provide for training facilities and equipment appropriate to the training being delivered.

202.2.8 Only RESNET accredited Training Providers can offer Rater Training using certified RESNET certified Rater Instructors.

202.3 Privileges and rights

Accredited Training Providers in good standing have the following privileges and rights:

202.3.1 The privilege to make and use any materials trademarked, copyrighted, or otherwise restricted by RESNET (other than the tests developed by RESNET) for marketing Training Courses or Training Providers or for recruiting Rater trainees, instructors or trainers.

202.3.2 The right to present evidence, arguments and a vigorous defense in any action brought under these standards by any party against a Training Provider.

202.4 Revocation of Accreditation

See *Chapter 9 – RESNET National Standard for Quality Assurance*.

Individuals shall meet the following requirements to be certified as RESNET Rater Instructor. Only RESNET certified Rater Instructors can conduct rater instruction under the auspices of a RESNET accredited Training Provider.

203.1.1 Demonstrate ability to effectively communicate with adults in a training environment. This ability is demonstrated through completion of a minimum sixteen (16) hour RESNET approved adult education program.

~~**203.1.2** Demonstrate mastery of the Home Energy Rating System knowledge and ability sets provided in Section 207 – Knowledge and Abilities. Mastery is demonstrated by passing the following RESNET Tests:~~

~~**203.1.2.1** National Rater Competency Test with a minimum score of determined by RESNET.~~

~~**203.1.2.2** RESNET Combustion Appliance Test with a minimum score determined by RESNET~~

~~**203.1.2.3** RESNET Rater Simulation Practical Test with a minimum score determined by RESNET~~

203.1.2 Demonstrate mastery of the Home Energy Rating System knowledge and ability sets provided in Section 207 Capabilities. Mastery is demonstrated by completing the following RESNET tests with a minimum (passing) score to be determined by RESNET.

203.1.2.1 National Rater Instructor Competency Test

203.1.2.2 RESNET Combustion Appliance Test

203.1.2.3 RESNET Rater Simulation Practical Test

203.2 Professional Development (PD)

~~Annually RESNET Certified Instructors shall complete a two-hour RESNET roundtable on current information and also attend a RESNET conference once every two years:~~

RESNET Certified Instructors shall complete a two-hour RESNET Roundtable on current information each year and also once every three years:

- Document twelve (12) hours of attendance at the RESNET conference or other conference approved by RESNET
- Complete eighteen (18) hours of RESNET approved Professional Development courses delivered by RESNET accredited Training Providers or other events or venues approved by RESNET

An individual that is both a Certified Rater Instructor and Quality Assurance Designee shall complete both the two-hour RESNET roundtable for Rater Instructors and the two-hour roundtable for Quality Assurance Designees.

203.3 Revocation

The following items are ground for revocation of certified trainer designation.

203.3.1 Compromising the security or integrity of any RESNET certification exam.

203.3.2 Intentionally misrepresenting their training provider by training to curricula that differ from that submitted.

203.3.3 Violation of RESNET defined test-proctoring procedures.

203.3.4 Non-payment of RESNET provider accreditation fees.

204. CERTIFICATION OF CANDIDATE FIELD ASSESSORS

204.1 Achieving Certification

Individuals shall meet the following requirements to be certified as RESNET Candidate Field Assessor.

204.1.1 Certified HERS Rater in good standing.

203.1.2 As a certified Home Energy Rater, complete confirmed ratings on a minimum of twenty-five (25) homes prior to becoming a Candidate Field Assessor. These 25 homes shall have met the minimum quality assurance processes defined in Section 904.4.

205 CERTIFICATION CANDIDATES

205.1 General Provisions

205.1.1 Training Rater Instruction

All Rater Candidates are required to complete Rater instruction delivered by a RESNET Accredited Rater Training Provider.

205.1.2 Examinations

Examinations allow a candidate to demonstrate the knowledge required appropriate to their desired certification. RESNET online examinations are time-limited and open-book allowing any reference materials but excluding any form of communication with other individuals during the examination session. Examinations are administered by RESNET, set up by a RESNET accredited Rater Training Provider and overseen by a RESNET approved proctor. Approved proctors include BPI exam proctors, faculty and staff of libraries, trade schools, colleges, independent testing institutions, or others as approved by RESNET. Approved proctors shall adhere to RESNET's defined test proctoring procedures.

205.1.3 Simulated Practical Examinations

Simulated practical examinations allow a candidate to demonstrate their ability to perform certain tasks appropriate to their desired certification. Rater practical examinations shall be administered by RESNET and will include:

205.1.3.1 Rater Simulation Practical Test

205.1.3.1.1 For new Candidates the effective date for the RESNET Rater Simulation Practical Test is July 1, 2016. Raters who were certified prior to July 1, 2016 shall pass the RESNET Rater Simulation Practical Test prior to July 1, 2017.

205.2 Certification

Prior to issuing a candidate's certification, a RESNET accredited Rating Quality Assurance Provider shall confirm that the candidate has completed at a minimum, all of the following tasks appropriate to their desired certification within a 12-month period. Only RESNET accredited Rating Quality Assurance Providers may certify candidates. Rating Providers may require additional instruction beyond these requirements as needed to address their specific program, climate, software, or administrative requirements.

205.2.1 Home Energy Survey Professional (HESP)

205.2.1.1 Complete the national HESP Exam with a minimum (passing) score to be determined by RESNET

205.2.2 Rating Field Inspector (RFI)

205.2.2.1 Pass the following RESNET Tests:

204.2.2.1.1. The RESNET Combustion Appliance Test.

204.2.2.1.2 The RESNET JobWerks RFI Assessment shall be performed under the observation of a Candidate Field Assessor.

205.2.2.2 Complete at least three mentored rating field inspections observed by a certified HERS rater or a RESNET Candidate Field Assessor. The certified HERS Rater or RESNET Candidate Field Assessor shall use the RESNET JobWerks RFI Mentoring Tool to document the results of mentored inspections. The mentored rating field inspections shall comprise at a minimum the following tasks.

205.2.2.2.1 Use pressure differential diagnostics to identify intermediate buffer zones including (but not limited to) attics, garages, or crawlspaces.

205.2.2.2.2 Identify insulation defects and account for them in energy analysis tool inputs.

205.2.2.2.3 Identify insulation types, thickness, and alignment with air barriers.

205.2.2.2.4 Measure pressure differences across the building envelope imposed by the operation of the home's equipment.

205.2.2.2.5 Perform envelope leakage testing in accordance with the airtightness testing protocols contained in Chapter 8 – Performance Testing and Work Scope.

205.2.2.2.6 Perform duct leakage testing in accordance with the duct testing protocols contained in Chapter 8 – Performance Testing and Work Scope and interpret results.

205.2.2.2.7 Identify room and zone pressure imbalances caused by lack of ducted return air or pressure relief mechanisms such as transfer grilles or jumper ducts.

205.2.2.2.8 Perform CAZ, spillage, and CO testing in accordance with Carbon Monoxide (CO) Test and Depressurization Test for the Combustion Appliance Zone (CAZ) protocols contained in ANSI/ACCA 12 QH, Appendix A, Sections A4 and A5.

205.2.2.3 RFI's shall not complete independent field testing and inspections until they have satisfactorily completed the requisite three mentored rating field Inspections per 205.2.2.2 and pass the RESNET JobWerks RFI Assessment .

205.2.2.4 After successfully completing the mentored rating field inspections and passing the RESNET JobWerks RFI Assessment, RFIs may be permitted to conduct all rating tasks contained under Appendix A: “On-Site Inspections Procedures for Minimum Rated Features without having a certified Rater on site.”

205.2.3 Home Energy Rater (HERS Rater)

205.2.3.1 Complete the following National RESNET HERS series of tests with the minimum (passing) scores to be determined by RESNET:

205.2.3.1.1 National HERS Rater Test

205.2.3.1.2 RESNET Combustion Appliance Simulation Test

205.2.3.1.3 RESNET Rater Simulation Practical Test

205.2.3.3 After passing the all of the RESNET tests, but prior to being certified, the candidate shall complete five probationary ratings with a Rating Quality Assurance Provider overseen by a RESNET certified Candidate Field Assessor. At least three of the five probationary ratings shall be confirmed ratings.

205.2.3 .4 A HERS Rater Candidate that does not complete, to the satisfaction of a Quality Assurance Provider, a minimum of three (3) of the five (5) required probationary ratings within twelve (12) months of passing the RESNET HERS Rater Tests, or otherwise does not achieve certification within the allowed twelve month timeframe, must at a minimum, do the following in order to maintain eligibility for certification:

205.2.3 .4.1 Pass the RESNET National Rater Test again; and

205.2.3 .4.2 Complete three (3) additional probationary ratings. One of the three (3) additional probationary ratings shall be a Confirmed Rating and be completed in the presence of a RESNET certified Candidate Field Assessor.

206

RECERTIFICATION

206.1 RESNET certified Home Energy Survey Professionals, Rating Field Inspectors, and HERS Raters, shall renew their certification every three years. They shall complete the following:

206.1.1 Home Energy Survey Professionals

206.1.1.1 Pass the national RESNET Home Energy Survey Test appropriate to their certification once in a three year period.

206.1.2 Rating Field Inspectors

206.1.2.1 Pass the RESNET JobWerks RFI Assessment overseen by a RESNET certified Candidate Field Assessor once in a three year period.

206.1.3 Certified Home Energy Raters

~~**205.1.3.1** Pass the RESNET JobWerks HERS Rater Assessment overseen by a RESNET certified Candidate Field Assessor.~~

~~**205.1.3.2** Attend a RESNET conference.~~

206.1.3.1 Attend a RESNET approved conference once every three years OR 18 hours of RESNET approved professional development from a RESNET Accredited Training Provider

206.1.3.2 Successfully complete one JobWerks assessment every three years

207

CAPABILITIES

Certified individuals shall have certain capabilities to perform the work required under their certification. The categories listed in this section are contained in *Chapter 3 – National Energy Ratings Technical Standards, Chapter 8 -Performance Testing and Work Scope, and Appendix A On-Site Inspection Procedures*. Certification candidates shall demonstrate proficiency at these

capabilities through successful completion of certification requirements specified in *Section 204 - Certification Candidates*. Training providers should ensure that their curricula effectively cover these items.

207.1 Home Energy Survey Professional (HESP)

Home Energy Surveys are primarily conducted on existing homes. HESPs do not perform any performance, diagnostic, or destructive testing. All capabilities listed here are limited to visually accessible items in the home unless otherwise noted.

207.1.1 General

207.1.1.1 Have a basic understanding of building performance evaluation.

207.1.1.2 Complete a RESNET approved Home Energy Survey form.

207.1.1.3 Demonstrate customer communication skills, ethics, and privacy.

207.1.2 Basics of specifications

207.1.2.1 Have a basic understanding of energy improvement measure interactions, expected life, and bundling for optimal performance considering the house-as-a-system and the emerging need for deep energy savings.

207.1.3 Health and Safety

207.1.3.1 Identify moisture issues such as condensation, leaks through building components, signs of mold or mildew, insect damage, efflorescence and stains.

207.1.3.2 Identify potential combustion appliance safety hazards related to previous retrofit work.

207.1.3.3 Identify evidence in combustion equipment of flame rollout, blocked chimneys, rust and corrosion, and missing or damaged vent connectors.

207.1.4 Building Science Concepts

207.1.4.1 Use appropriate energy terminology and definitions in home energy survey reports.

207.1.4.2 Identify areas of potential envelope leakage, thermal bypasses, and thermal bridging.

207.1.5 Determining Conditioned Space

207.1.5.1 Identify spaces as directly conditioned, indirectly conditioned, or unconditioned.

207.1.5.2 Define the home's thermal boundary and make appropriate recommendations for changing the thermal boundary.

207.1.6 Building Components

207.1.6.1 Identify exterior building components.

207.1.6.2 Determine building orientation and shading characteristics.

207.1.6.3 Measure building dimensions and use them to calculate gross and net areas.

207.1.6.4 Estimate approximate age of building.

207.1.7 Insulation

207.1.7.1 Identify the presence or absence of insulation and the quality of its installation when visually accessible.

207.1.7.2 Determine thickness, R-value, and location of insulation.

207.1.7.3 Recommend levels of insulation by climate zone.

207.1.8 Building Foundations

207.1.8.1 Identify foundation type as crawl space, basement, or slab-on-grade.

207.1.8.2 Identify foundation ventilation system types if present.

207.1.8.3 Identify location, type, and approximate R-value of foundation insulation systems.

207.1.9 Framed Floors

207.1.9.1 Identify location and type of floor system, its insulation type, thickness, and approximate R-value.

207.1.10 Above Grade Walls

207.1.10.1 Determine wall types, insulation thickness, and approximate R-value.

207.1.10.2 Identify signs of building additions.

207.1.11 Windows, doors, and skylights

207.1.11.1 Identify window and skylight types, frame materials, and permanently installed shading devices.

207.1.11.2 Determine window, door, and skylight efficiencies and performance factors.

207.1.12 Rim or Band Joist

207.1.12.1 Determine insulation type, thickness, and approximate R-value.

207.1.13 Ceilings

207.1.13.1 Determine ceiling type, insulation thickness, and approximate R-value.

207.1.14 Attic

207.1.14.1 Identify type of attic and location of attic venting.

207.1.15 Roof

207.1.15.1 Identify approximate age, type, and color of roofing materials.

207.1.15.2 Determine approximate R-value if insulated.

207.1.16 HVAC Systems

207.1.16.1 Identify types, model numbers, and location of systems.

207.1.16.2 Determine equipment efficiencies from equipment labels, model numbers or default tables.

207.1.16.3 Identify HVAC pros/cons, drivers and sensitivities for major system types.

207.1.16.4 Identify basic combustion appliance concerns.

207.1.17 Domestic Hot Water Systems

207.1.17.1 Identify system types and efficiency factors from equipment labels, model numbers, or default tables.

207.1.18 Air Leakage

207.1.18.1 Identify common air-leakage sites and indicate likely opportunities for leakage reduction.

207.1.18.2 Identify mechanical systems likely to cause air-leakage or pressure imbalances.

207.1.19 Duct Leakage

207.1.19.1 Determine duct type, location, and R-value.

207.1.19.2 Identify obvious leakage locations and indications of previous sealing.

207.1.20 Ventilation Systems

207.1.20.1 Identify presence and type of exhaust fans and determine whether they vent to outdoors.

207.1.21 Appliances and Lighting

207.1.21.1 Estimate efficiency from model numbers or vintage.

207.1.21.2 Identify potential lighting upgrades.

207.2 Rating Field Inspector (RFI)

A Rating Field Inspector is permitted to conduct all tasks contained within Appendix A. A Certified Rating Field Inspector shall have proficiency at the capabilities of a HESP in addition to the following items.

207.2.1 General

207.2.1.1 Use field inspection forms to identify and document the minimum rated features of the Reference Home and Rated Home in accordance with the requirements of Section 303.4 – HERS Reference Home and Rated Home Configuration and Appendix A – On-Site Inspection Procedures.

207.2.1.2 Identify potential problems with the building such as health and safety concerns, building durability issues, potential comfort problems, and possible elevated energy use.

207.2.1.3 Identify basic home construction types and the ramifications of these for energy usage.

207.2.2 Determining Conditioned Space

207.2.2.1 Use pressure differential diagnostics to identify intermediate buffer zones including (but not limited to) attics, garages, or crawlspaces.

207.2.2.2 Determine conditioned space as defined in Appendix A.

207.2.3 Health and Safety

207.2.3.1 Identify problems related to poor indoor air quality (IAQ), building durability, and human comfort.

207.2.3.2 Identify potential presence of mold and potential causes.

207.2.4 Moisture Principles and Properties

207.2.4.1 Identify potential or existing moisture issues (bulk water intrusion, capillary action, air transport, vapor diffusion).

207.2.5 Measuring Building Components

207.2.5.1 Use construction documents such as building drawings and specification sheets, or actual measured building dimensions to produce a scaled and dimensioned sketch of a home.

207.2.6 Collecting Field Data (including photo documentation)

207.2.6.1 Determine building orientation.

207.2.6.2 Measure window overhang lengths, heights, and distances from top and bottom of windows.

207.2.6.3 Determine roof slopes, gable heights, etc.

207.2.6.4 Calculate gross and net areas and volumes.

207.2.7 Insulation

207.2.7.1 Identify insulation types, thickness measurements, common usage locations, and alignment with air barriers.

207.2.7.2 Identify insulation defects, and grading (I, II, III).

207.2.8 Building Foundations

207.2.8.1 Identify type as crawl space, basement, or slab.

207.2.8.2 Identify ventilation system types.

207.2.8.3 Identify location, type, and R-value of insulation systems.

207.2.9 Framed Floors

207.2.9.1 Determine if framed floors are exposed to unconditioned, interstitial, or the outdoors.

207.2.9.2 Determine floor system type and frequency of framing members.

207.2.9.3 Determine insulation thickness, type, and grade (I, II, or III).

207.2.10 Slab-on-Grade

207.2.10.1 Identify slab as covered or exposed.

207.2.11 Above Grade Walls

207.2.11.1 Determine if walls are exposed to interstitial, unconditioned, or the outdoors.

207.2.11.2 Determine construction type, thickness, and exterior color.

207.2.12 Windows and Doors

207.2.12.1 Identify window labels, framing types and materials, U-factors, reflective and low-e films and coatings, shading and overhangs, and orientation.

207.2.12.2 Identify exterior door types, insulation, and orientation.

207.2.12.3 Identify glass-area of exterior doors and windows.

207.2.13 Heating and Cooling Systems

207.2.13.1 Determine equipment efficiencies using equipment data (make, model, and nameplate data), AHRI or other current accepted guides, or age-based defaults.

207.2.13.2 Identify space-conditioning systems as active or passive.

207.2.13.3 Identify heating system properties: fuel type, burner type, venting type, distribution type, and efficiency.

207.2.13.4 Identify ground-source heat pumps, air-source heat pumps, and air conditioning systems.

207.2.13.5 Identify ductless systems (hydronic, steam, electric).

207.2.13.6 Identify combo systems.

207.2.13.7 Identify solar thermal systems.

207.2.13.8 Identify control types (standard thermostats, programmable thermostats, multi-zone controls).

207.2.13.9 Identify sizing and design issues, control types, and their impacts on energy use and humidity control.

207.2.13.10 Identify summer and winter design temperatures.

207.2.13.11 Identify cooling and heating system design trade-offs.

207.2.14 Gas Leakage Testing

207.2.14.1 Identify gas leaks using combustion gas sensing equipment.

207.2.15 CAZ Testing

207.2.15.1 Perform CAZ, spillage, and CO testing in accordance with Carbon Monoxide (CO) Test and Depressurization Test for the Combustion Appliance Zone (CAZ) protocols contained in ANSI/ACCA 12 QH, Appendix A, Sections A4 and A5.

207.2.15.2 Identify room and zone pressure imbalances caused by lack of ducted return air or pressure relief mechanisms such as transfer grilles or jumper ducts.

207.2.15.3 Identify gas leaks using combustible gas sensing equipment. If a leak is found, recommend that a certified technician repair the leak.

207.2.16 Air Leakage

207.2.16.1 Identify air leakage mechanisms and drivers, energy and comfort implications, and health and safety issues.

207.2.16.2 Perform single-point and multi-point building envelope leakage testing in accordance with the airtightness testing protocols contained in Chapter 8 – Performance Testing and Work Scope.

207.2.16.3 Identify potential air sealing using zonal pressure differentials and measurement techniques

207.2.16.4 Measure pressure differences across the building envelope imposed by the operation of the home's equipment.

207.2.17 Conditioned Air Distribution Systems

207.2.17.1 Identify impacts of designed and imposed flaws (closed interior doors, blocked registers and grilles, air handler filters).

207.2.17.2 Identify duct supply and return types (flexible, rigid metal, building chase, and insulated panels) and locations with respect to thermal and air barriers.

207.2.17.3 Identify room and zone pressure imbalances caused by lack of ducted return air or pressure relief mechanisms such as transfer grilles or jumper ducts.

207.2.17.4 Perform duct leakage testing in accordance with the duct testing protocols contained in Chapter 8 – Performance Testing and Work Scope and recommend sealing as needed based on test results.

207.2.17.5 Determine need for duct insulation in unconditioned spaces and specify thickness of retrofit insulation if needed.

207.2.18 Ventilation

207.2.18.1 Identify fresh air ventilation from supply, exhaust and balanced flow systems.

207.2.18.2 Identify heat-recovery ventilation (HRV) and energy-recovery ventilation (ERV) systems.

207.2.18.3 Determine HRV or ERV efficiency, fan power and duty cycle characteristics.

207.3 Home Energy Rating System Rater (HERS Rater)

A Certified Home Energy Rater shall have proficiency at the knowledge and abilities of a HESP and a Rating Field Inspector in addition to the following.

207.3.1 General

207.3.1.1 Understand and be familiar with local climate conditions, housing stock, and climate-specific practices.

207.3.1.2 Understand local utility pricing structures (flat vs. tiered rates, net-metering regulations) and sources for reliable utility information.

207.3.1.3 Prepare a detailed work scope.

207.3.1.4 Develop field inspection forms.

207.3.1.5 Identify major U.S. climate zones and energy consumption impacts of local climate zone.

207.3.2 RESNET Rating System

207.3.2.1 Communicate the business aspects of being a RESNET HERS Rater.

207.3.2.2 Maintain current knowledge of the HERS Rating method using the Reference Home as defined in 304.3 of the National Home Energy Rating Technical Guidelines.

207.3.2.3 Conduct both projected and confirmed building simulation and performance analysis to provide HERS Ratings in accordance with the requirements in Chapter 3 – National Energy Rating Technical Standards and Chapter 8 – Performance Testing and Work Scope.

207.3.2.4 Use RESNET approved energy analysis software capable of producing a HERS Index, data entry procedures, reporting, and analysis of results.

207.3.2.5 Calculate HERS Score computation using the Normalized Modified Loads Rating Method.

207.3.2.6 Communicate the benefits of the Home Energy Rating System to homeowners, builders, finance and real estate agents and cultivate partnerships between those individuals.

207.3.2.7 Assist and educate customers and builders with:

207.3.2.7.1 Home Energy Surveys and Home Energy Ratings.

207.3.2.7.2 Cost effectiveness of energy efficient building design.

207.3.2.7.3 Quality assurance.

207.3.2.7.4 Marketing of HERS Rated Homes.

207.3.2.7.5 Qualifications for programs such as ENERGY STAR®.

207.3.2.7.6 Real estate financing, economic terminology, and energy code compliance.

207.3.2.7.7 Financing advantages of Energy Efficient Mortgages (EEM) and Energy Improvement Mortgages (EIM).

207.3.2.7.8 Adding appraisal value through energy improvements.

207.3.2.8 Provide excellent customer service in an ethical and fully disclosed manner.

207.3.2.9 Produce reports which meet minimum reporting requirements and improvement analysis.

207.3.2.10 Maintain standard operating procedures and office administration.

207.3.2.11 Maintain knowledge of current technical guidelines.

207 RECIPROCITY

Nationally accredited Home Energy Rating Providers shall accept certified training provided by an accredited Training Provider as meeting the core competencies for a Home Energy Rater. Accredited Home Energy Rating Providers may add additional training requirements needed to address their specific program, climate, software or administrative requirements.

Appendix B

GLOSSARY OF TERMS

Accredited Rater Training Provider or Training Provider - A Rater Training Provider accredited by RESNET in accordance with Chapters 2 and 9 of RESNET Standards to instruct individuals to become Raters certified by Accredited Rating Quality Assurance Providers. Only RESNET Accredited Rater Training Providers can offer rater instruction and set up the national rater tests.

Accredited Rating Quality Assurance Provider – Shall mean a RESNET-accredited Rating Quality Assurance Provider who is listed in good standing in the National RESNET Registry.

Examination - Test developed by RESNET and administered by an accredited Rater Training Provider.

Home Energy Rater, or HERS Rater or Rater – An individual meeting the minimum training requirements for Raters set forth in Chapter 2 of these Standards, documented by an Accredited RESNET Training Provider, and certified by an Accredited Rating Quality Assurance Provider to inspect a home to evaluate the minimum rated features and complete Home Energy Ratings (see also Rating Field Inspector).

Home Energy Rater Candidate, or Rater Candidate – An individual who has received instruction from a RESNET Accredited Rater Training Provider and has passed the required RESNET tests. ▸

Home Energy Rating Quality Assurance Provider, or HERS QA Provider, or Rating Provider-
See Accredited Rating Quality Assurance Provider.

Home Energy Rating Quality Assurance Provider, or HERS QA Provider, or Rating Provider-
See Accredited Rating Quality Assurance Provider.

National HERS Rater Test - Computer-based examination developed and administered by RESNET.

Rater Instructor, Certified - An individual certified by RESNET and designated by an accredited Rater Training Provider to provide instruction and assistance to candidates.—Only RESNET certified Rater Instructors can provide rater instruction under the auspices of a RESNET accredited Rater Training Provider.

RESNET Candidate Field Assessor – An individual certified by RESNET and designated by an accredited RESNET Rating Quality Assurance Provider to conduct probationary and field assessments for candidates.

RESNET Combustion Appliance Simulation Test or Combustion Appliance Test – Simulation based practical test adopted by RESNET used for the assessment of RFI and HERS Rater candidates

RESNET Rater Simulation Practical Test – Simulation based practical test adopted by RESNET used for the assessment of HERS Rater candidates.

RESNET JobWerks RFI Assessment Software adopted by RESNET used for assessment of RESNET RFI candidates.

RESNET JobWerks RFI Mentoring Tool- Software adopted by RESNET, used for mentoring of RESNET RFI candidates.

RESNET JobWerks HERS Rater Assessment Software adopted by RESNET used for assessment of RESNET HERS Raters.

Effective Date: As established by the RESNET Standards Management Board and not sooner than 30 days after final approval for publication.