Massachusetts Residential IECC
Energy Performance Testing Certificate

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House Address:_____ **Permit #:**_____ **Date:**_____

Permit holder:_____ **Phone:** _____

I. Building Envelope Air Leakage (mandatory):

Blower door test (Mandatory)

Testing company:_____ Phone: _____

Tester Name (print): _____ Signature: _____

Date: _____

BPI or HERS Rater certification number: BPI no: _____ HERS Rater no: _____

Test Result: _____ CFM50

Unit Conversions:

Option 1: Air changes per hour at 50 pascals (ACH50)

Total Conditioned Volume =_____ft^3

CFM50 x 60 / Volume = _____ACH50

Option 2: Cubic feet per minute (CFM) at 50 pascals per square foot of dwelling unit enclosure area

Dwelling unit enclosure area _____ ft^2

CFM50 / dwelling unit enclosure area = _____ CFM50/ ft^2

☐ **Tested leakage rates are less than or equal to the code maximums.**

☐ **Tested leakage rates are less than or equal to the inputs in the energy modeling software.**

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House Address:_____ **Permit #:**_____ **Date:**_____

Permit holder:_____ **Phone:** _____

II. Heating and Cooling System Duct Leakage

Duct leakage test

Testing company:_____ Phone: _____

Tester Name (print): _____ Signature: _____

Date: _____

BPI or HERS Rater certification number: BPI no: _____ HERS Rater no: _____

Duct location:

- ☐ The air handler or some portion of the ductwork is outside the thermal envelope.
- ☐ The air handler and all ducts are completely within the thermal envelop

Total duct leakage test (choose 1):

- ☐ Rough-in w/ air handler
- ☐ Post construction
- ☐ Rough-in w/o air handler

Duct leakage test result:

System 1:

Fan Flow at 25 Pascals (CFM25) _____ CFM

Conditioned Floor Area (CFA) served by system = _____ ft^2

CFM25 / CFA x 100 = _____ CFM/100 ft^2

System 2 (if present):

Fan Flow at 25 Pascals (CFM25) _____ CFM

Conditioned Floor Area (CFA) served by system = _____ ft^2

CFM25 / CFA x 100 = _____ CFM/100 ft^2

III. Whole-house Mechanical Ventilation System Airflow Test

Required airflow (Q) = _____ CFM (see Whole-house Mechanical Ventilation System Design Worksheet)

Tested airflow = _____ CFM