

# MULTI-JURISDICTIONAL AIR BARRIER and INSULATION INSPECTION FORM

| Jurisdiction |                 |
|--------------|-----------------|
|              | Carson City     |
|              | City of Fernley |
|              | City of Reno    |
|              | City of Sparks  |
|              | Douglas County  |
|              | Lyon County     |
|              | Storey County   |
|              | Wahoe County    |
|              | Residential:    |
|              | Commercial:     |

**Builder/Owner:** \_\_\_\_\_  
**Project:** \_\_\_\_\_  
**Lot#:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Permit #:** \_\_\_\_\_

AB and I stand for the Air Barrier and Insulation inspection components. In the case where the local code official is not verifying these components, they may be verified by a third party independent verifier licenced by the Nevada Real Estate Division. A blower door test can be performed in lieu of the visual inspection of the AB components and is mandatory if the Ab components have not been visually inspected.

If the blower door path has been selected, documentation of the results verifying air leakage less than 7 ACH when tested at 50 Pa shall be submitted with this form.

| INSPECTIONS           |    |  |              |          |          |      |
|-----------------------|----|--|--------------|----------|----------|------|
| Component             |    | Description  | Y, N, or N/A | Comments | Initials | Date |
| Air & Thermal Barrier | I  | Air barrier is installed and continuously aligned with the thermal envelope. Exterior thermal envelope insulation is installed in substantial contact and continuously aligned with the building envelope air barrier. |              |          |          |      |
|                       | AB | There are no breaks or unsealed joints in the air barrier.   |              |          |          |      |
|                       | AB | Air-permeable insulation is not used as a sealing material,  |              |          |          |      |
|                       | AB | Air-permeable insulation is inside of an air barrier,  |              |          |          |      |
| Ceilings & Attics     | AB | Air barrier is substantially aligned with the insulation and all gaps are sealed in dropped ceilings and soffits.  |              |          |          |      |
|                       | AB | Attic access, knee walls doors or drop down stair access is sealed.  |              |          |          |      |
| Walls                 | I  | Headers, corners and voids in the framing on all exterior walls are insulated.   |              |          |          |      |
|                       | AB | The junction between the subfloor/foundation and sill plate is sealed.   |              |          |          |      |
| Windows & Doors       | AB | Verify that all voids around windows and doors are sealed with expanding foam insulation.  |              |          |          |      |
| Rim Joist             | AB | Air barrier properly extends over the rim joist.   |              |          |          |      |
|                       | I  | Rim joist is properly insulated.   |              |          |          |      |

|   |    |  |  |  |  |  |
|---|----|--|--|--|--|--|
| Floors                                  | I  | Insulation is installed to maintain permanent contact with the underside of the subfloor decking.  |  |  |  |  |
|   | AB | Air barrier is installed at the edge of any exposed insulation.  |  |  |  |  |
| Crawl Space walls                       | I  | Insulation is permanently attached to the walls.   |  |  |  |  |
|   | I  | Exposed earth in unvented crawl spaces is covered with a Class 1 vapor retarder with overlapped, taped joints  |  |  |  |  |
| Shafts & Penetrations                   | AB | Shafts, penetrations, knee walls and flue shafts opening to exterior or unconditioned spaces are sealed  |  |  |  |  |
| Narrow Cavities                         | I  | BATTS installed in narrow cavities are cut to fit or are filled with blown or spray foam insulation  |  |  |  |  |
| Garage Separation                       | AB | Air separation between the garage and all conditioned spaces is provided   |  |  |  |  |
| Recessed Lighting                       | I  | Recessed light fixtures penetrating the thermal envelope are IC rated, air tight and sealed to the drywall. Fixtures completely inside the conditioned space are exempt from this requirement. |  |  |  |  |
| Plumbing & Wiring                       | I  | Insulation is properly placed between outside and the pipes and insulation is cut to fit tightly around boxes, wiring & plumbing.  |  |  |  |  |
| Showers & Tubs on exterior walls        | I  | Showers and tubs on exterior walls have the proper insulation.   |  |  |  |  |
|   | AB | Air barrier separating showers & tubs from the exterior wall is in place.  |  |  |  |  |
| Utility Service Boxes on exterior walls | AB | Air barrier extends behind boxes or that air sealed-type boxes are installed.  |  |  |  |  |
| Common Walls                            | AB | Air barrier is installed in common walls between dwelling units where applicable.  |  |  |  |  |
| HVAC Register boots                     | AB | HVAC register boots that penetrate the building envelope are sealed to the subfloor and/or drywall.  |  |  |  |  |
| Fireplaces                              | AB | Fireplace walls have an air barrier.   |  |  |  |  |

**DUCT BLASTER TESTING**

| Test Type               | Indicate Test Performed | Test Performed  | Results (not pass or fail) | Comments | Initials | Date |
|-------------------------|-------------------------|---|----------------------------|----------|----------|------|
| Duct Testing @ Rough-in |                         | Performed a duct blaster test at rough-in stage of construction to verify a maximum of 6 CFM/100 sq. ft. total leakage. |                            |          |          |      |

**OR**

|                                  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|
| Duct Testing - Post Construction |  | Performed a post construction duct blaster test to verify maximum leakage to outdoors of 8 CFM/100 sq. ft. |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|

**OR**

|                                  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|
| Duct Testing - Post Construction |  | Performed a post construction duct blaster test to verify maximum total leak of 12 CFM/100 sq. ft. |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|

**BLOWER DOOR TESTING**

| Test Type           | Indicate Test Performed | Post Construction Testing   | Results (not pass or fail) | Comments | Initials | Date |
|---------------------|-------------------------|---|----------------------------|----------|----------|------|
| Blower Door Testing |                         | Blower door test performed at completion of construction to verify total leakage of less than 7ACH (air changes per hour). The home/unit was pressurized to 50 Pa (Pascals) and all exterior doors and windows were closed, dampers were closed but not sealed, exterior openings for venting systems were closed but not sealed, HVAC systems were turned off and duct supply and return registers were not covered or sealed. |                            |          |          |      |

**Inspection Company**

Company: \_\_\_\_\_

Inspectors Name: \_\_\_\_\_

Address \_\_\_\_\_

NRED Credential #: \_\_\_\_\_

Phone: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Email: \_\_\_\_\_

Business License #: \_\_\_\_\_

I certify under penalty of perjury that I am qualified and certified to perform the inspections and testing I am performing and that my credentials are current and up to date. I also certify that I am in good standing with the Nevada Real Estate Division, BPI (Building Performance Institute) and the Building department within the jurisdiction in which these inspections and tests were performed. I further certify that all inspections and testing above were done and carried out based on the requirements of the 2009 I.E.C.C., The Nevada Real Estate Division, BPI and the jurisdiction which has authority over the permit issued for this building.

Inspectors Signature: \_\_\_\_\_

Date: \_\_\_\_\_