



City of Taylor, Alabama
Building Permit Application

Building Permit Application

Ph.: 334-677-5079

Fax: 334-794-5821

Project Name: _____
Or
Subdivision: _____ Lot# _____

Site Address: _____
City: _____ State: _____ Zip: _____

Property District: City PJ # Bldgs. _____

Owner Information:

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
PH: _____

Contractor Information:

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
PH: _____

License Information:

State of Alabama # _____
E-Mail: _____

Will you be purchasing any Water Meters for this project? Y N
1" # of Meters: _____

Contact Name _____
PH. _____

Type of Permit Requesting:

Commercial Residential

Other: _____

Work Class: New Construction Addition Alterations

Other: _____

Purpose /Use of Building Structure:

Total Finished: _____ Sq. Ft.
(Heated) Floor Area

Total Unfinished: _____ Sq. Ft.
(Unheated) Floor Area

Full Estimated Value of work: (Material and Labor)
\$ _____

Foundation: Crawl Slab Basement
 Footing Pier Other N/A

Sewer Service Required: City Sewer Septic Tank
 N/A Other: _____

If Gas required, type: LP NG N/A

ENERGY COMPLIANCE METHOD - SELECT ONE:

Prescriptive Alternative Performance N/A

Has any construction work been performed before
permitting? (Excluding site work). YES NO

Applicant's Name: _____

Signature: _____

Date: _____ Phone: _____

Do Not Write Below, To Be Completed by Clerk

Occupancy Classification: _____

Construction Type: _____

Inspection District: City PJ Fire Historical

In a Flood Zone: Yes _____ None

Permit Class:

Residential Commercial Industrial Hazardous

Approvals Needed: Fire Dept. TDOT

Grease Trap Health Dept. Planning OCE

Plan Review Historic (HPC) Revenue

Flood & Elevation Certificate

Fees to be Collected:

Permit Penalty

Concrete Contractor Information:
 Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of concrete \$ _____

License Information:
 City of Taylor: # _____
 State: # _____

Framing Contractor Information:
 Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of framing \$ _____

License Information:
 City of Taylor: # _____
 State: # _____

Plumbing Contractor Information:
 Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of plumbing \$ _____

License Information:
 City of Taylor: # _____
 State: # _____

Electrical Contractor Information:
 Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of electrical \$ _____

License Information:
 City of Taylor: # _____
 State: # _____

Siding Contractor Information:
 Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of siding \$ _____
 Type of Siding installed: _____

License Information:
 City of Taylor: # _____
 State: # _____

Roofing Contractor Information:
 Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of roof \$ _____
 Type of roof installed: _____

License Information:
 City of Taylor: # _____
 State: # _____

Heating & Cooling Contractor Information:

Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of heating & Cooling \$ _____

License Information:
 City of Taylor: # _____
 State: # _____

Insulation Contractor Information:

Company Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 PH#: _____
 Total cost of insulation \$ _____

License Information:
 City of Taylor: # _____
 State: # _____

<p>Brick Layer Information:</p> <p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____ Total cost of concrete \$ _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>	<p>Drywall Contractor Information:</p> <p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____ Total cost of framing \$ _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>
<p>Trim and/or Deck Contractor Information:</p> <p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____ Total cost of plumbing \$ _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>	<p>Security System Contractor Information:</p> <p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____ Total cost of electrical \$ _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>
<p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>	<p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>
<p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>	<p>Company Name: _____ Address: _____ City: _____ State: _____ Zip: _____ PH#: _____</p> <p>License Information:</p> <p>City of Taylor: # _____ State: # _____</p>

**Sworn Statement
of party claiming exemption from the requirements of the
Home Builders Licensure Law, Ala. Code § 34-14A-1, et seq. (1975).**

I do hereby solemnly swear that I, or the business entity of which I am the designated qualifying representative, am exempt from the licensing requirements of the State of Alabama Home Builders Licensure law pursuant to Section 34-14A-5 for the following reason: (Please mark appropriate response).

_____ I am an authorized employee of a federal, State, or local government exempt from this law and do not hold myself out for hire or otherwise engage in contracting except in accordance with my employment. Section 34-14A-6(b).

_____ I am a General Contractor holding a current and valid license issued prior to January 1, 1992. General Contractors license# _____ Section 34-14A-6(c).

_____ I am the Property Owner acting as my own contractor and providing all material supervision myself on property for my own occupancy or use, and not offered for sale. I do not intend to use this permit for the constructing or superintending of the construction of any residential building or structure for sale. (Proof of the sale, or offering for sale, of structure by an owner-builder within one year after substantial completion of same is presumptive evidence that the construction was undertaken for the purpose of sale). Section 34-14A-6(e). **I understand that this exemption is not transferable. I will not hire or compensate anyone to supervise the building or improvement of this residence.**

I understand that by claiming exempt status, I waive my rights for protection under the provisions of the Home Builders Licensure law and that in the event of litigation involving activities resulting from the grant of this permit, I may not make demand of any money from the Homeowner's Recovery Fund, established by the Home Builders Licensure law.

I sign this statement under penalties of perjury.

Homeowner's Signature

Witness

Business Entity, if applicable

Date

Date

Building Permit No: _____

***Violation of the Alabama Home Builders Licensure Law is a Class A misdemeanor (§34-14A-14) punishable by up to 12 months in jail and fines up to \$6,000.00.**

CITY OF TAYLOR

BUILDING PERMIT INFORMATION

ELECTRICAL, PLUMBING & HVAC PERMIT:

In order to obtain an electrical, plumbing or HVAC permit you must have a current City of Taylor business license and a current State of Alabama license (we need copy). Permits are required for each construction job.

The fee schedule is as follows:

- (a) For valuation less than \$1,000.00, no fee shall be required, unless an inspection is necessary, in which case there shall be a minimum fee of \$150.00
- (b) For valuation over \$1,000.00, up to and including \$500,000.00, the fee shall be 0.20 percent of the total valuation with a minimum fee of \$150.00
- (c) For valuation over \$500,000.00, up to and including \$2,000,000.00, the fee shall be \$1,000.00 plus 0.15 percent of the cost above \$500,000.00.
- (d) For valuation over \$2,000,000.00, the fee shall be \$3,250.00 for the first \$2,000,000.00 plus 0.10 percent of the cost above \$2,000,000.00. For fast-track projects, the permit fees will be increased by 15 percent.

If the above permits are not purchased **BEFORE** work begins the permit cost will **DOUBLE**.

GENERAL CONTRACTORS:

In order to obtain a building permit, you must have a current City of Taylor business license and we must have a copy of the following:

- State of Alabama contractor's license
- Full set of building plans
- Copy of the deed
- Results of perk test
- E911 address
- Completed subcontractors list including name, addresses and phone numbers
 - ❖ Statement of Compliance with Alabama State Energy Codes for Residential Buildings
 - ❖ Energy Code Prescriptive Approach Worksheet

RESIDENTIAL BUILDING PERMITS:

Inside Town Limits

- 14 cents per square foot heated /cooled space
- 08 cents per square foot unheated space

Inside Police Jurisdiction

- 07 cents per square foot heated/cooled space
- 04 cents per square foot unheated space
 - ❖ Inspection Card
 - ❖ Air Barrier and Insulation Inspection Verification Checklist

COMMERCIAL BUILDING PERMITS:

Inside Town Limits

- 25 cents per square foot heated /cooled space
- 15 cents per square foot unheated space

Inside Police Jurisdiction

- 12 cents per square foot heated/cooled space
- 07 cents per square foot unheated space
 - ❖ Inspection Card
 - ❖ Air Barrier and Insulation Inspection Verification Checklist

STATEMENT OF COMPLIANCE WITH ALABAMA STATE ENERGY CODES FOR RESIDENTIAL BUILDINGS

2009 International Residential Code (IRC) with State of Alabama Amendments for Residential Dwellings

The 2009 International Residential Code, published by the International Codes Council, when used in conjunction with the State of Alabama Energy and Residential Codes, constitutes the official Alabama State Energy Code for Residential Buildings. This Code establishes minimum regulations for energy efficient design, erection, construction, and/or alternation of one-and-two family dwellings and townhouses not more than three stories above grade in height with a separate means of egress and their accessory structures. Compliance with this Energy Code by designers and builders is mandatory.

This form must be completed entirely, signed and submitted at the time of permit application.

BUILDING PERMIT NUMBER: _____ DATE: _____

JOB SITE ADDRESS: _____

CONTRACTOR/BUILDER: _____

I/we do certify by signature below that the above permitted structure shall be built in compliance with the State of Alabama Energy and Residential Codes using one of the following methods: (Indicate with an "x" the appropriate choice.)

Insulation, Window and Door Requirements by Component (Prescriptive Component Approach)

This approach is assumed unless documentation is provided by the builder that either the trade-off or simulated performance options are being used. Insulation and window requirements prescribed in the 2009 IECC and the Alabama Energy and Residential Code must be strictly adhered to in addition to the *mandatory* requirements for building envelope air sealing and mechanical systems (plumbing, electrical, HVAC). Applicants must complete the Energy Code Prescriptive Approach Worksheet and submit it along with the permit application and the construction plans for review.

REScheck with 2009 IECC as chosen option (Component UA Trade-off Approach)

Applicant must prepare and submit a REScheck report along with a building permit application, this form, and the construction plans for review. REScheck is available as a free download at <http://www.energycodes.gov/rescheck/>. REScheck allows you to demonstrate compliance with the weighted-average SHGC requirement and to perform simple trade-offs among building envelope components as well as receive credit for higher than standard heating and cooling equipment efficiencies. If using REScheck, you must use the **Alabama** version. Unless you are familiar with using REScheck software, download the 'REScheck Software User's Guide', while at the DOE website. The user's guide is imperative to understanding and using the software program correctly. After download and to establish the correct minimum compliance values for use in your area, select the closest city to the construction location as your destination location. REScheck will automatically preset all climatic defaults specifically for IECC Codes compliance in your jurisdiction.

Two (2) signed copies of the REScheck printed report for the work to be permitted must be submitted with each building permit application. One copy will be stamped "Reviewed For Codes Compliance" and will be given back to you at permit issue. This copy must be on the construction site and available to inspectors during inspections. The remaining copy will be retained for Building Department records.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using REScheck.

____ **IECC Section R405 (Simulated Performance Approach)**

Section R405 provides an alternative way to meet the code's goal of effective use of energy based on a comprehensive analysis showing that the predicted annual energy costs of a *proposed home design* is less than or equal to that of a *standard reference design* (the same home built to meet the prescriptive criteria in the code). Because of the level of detail required in the analysis, this method is not often used for residential buildings. Please contact the Building Official for more information.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using the Simulated Performance Approach.

CITY OF TAYLOR
RESIDENTIAL INSPECTION
CHECKLIST

The following is a list of construction projects where inspections are required:

A. Residential (house)

- 1. Footing (before pour)
- 2. Plumbing under slab (before pour)
- 3. Framing (before insulation/drywall)
- 4. Rough electrical (before insulation/drywall)
- 5. Rough plumbing (before insulation/drywall)
- 6. Rough mechanical (before insulation/drywall)
- 7. Insulation Inspection -- *New requirement by State of Alabama*
- 8. Electrical service (Perm Power) (just prior to final)
- 9. Final plumbing (prior to occupation)
- 10. Final electrical (prior occupation)
- 11. Final mechanical (prior to occupation)

Note: Inspections 3, 4, 5 & 6 are all done at the same time.

An overall Final inspection must be done even if you do not need a Certificate of Occupancy (CO). You must turn in the Inspection card and Energy Conservation forms before a CO can be given.

B. Swimming Pools

- 1. Grounding/bonding (prior to concrete)
- 2. Rough wiring (conduit run)
- 3. Final electrical (when complete)
- 4. Fence inspection (within one month of completion)

INSPECTION CALL-IN SHEET

Job Address:

	DATE	TIME	INITIALS	CONTACT	COMMENTS
FOOTING					
PLUMBING:					
SLAB:					
ROUGH:					
ELECTRICAL					
FRAMING					
HVAC					
INSULATION					
SHEETROCK					
FINAL					

NOTES:

This construction is required to meet guidelines of the:
STATE OF ALABAMA

ENERGY CODE

Please complete forms before the framing inspection and keep in inspection box. These forms will be required before CO is issued.

Thank you, Building Official

How to Pass an Energy Conservation Inspection City of Taylor, Alabama

1) Educate and Evaluate:

Know and understand what a *building thermal envelope* is and how to properly identify it on your building.

2) Prepare and Provide:

Prepare your building plans submittals in sufficient detail and provide the necessary documentation for plan review and approval.

3) Communicate and Confirm:

Explain to your framers that it is important to follow the energy conservation requirements and confirm that they know what they are supposed to do.

4) Visit and Verify:

Visit your project often to verify that the work is being done correctly.

- / Ensure that all penetrations, joints, seams, gaps, etc. in the *building thermal envelope* are sealed creating a continuous air barrier between the conditioned spaces inside and the unconditioned spaces outside. The goal is to make the *building thermal envelope* virtually airtight.
- / Make sure that all windows and doors are installed and flashed correctly and have legible NFRC labels confirming that they meet or exceed the prescriptive U-Factor and SHGC requirements for Climate Zone 3 in Table 402.1.1 of the IECC or the values listed on the REScheck report if you chose the REScheck option for plan approval.

**TABLE R402.1.2 (N1102.1.2)
INSULATION AND FENESTRATION REQUIREMENTS BY
COMPONENT ^a**

CLIMATE ZONE	FENESTRATION U-FACTOR ^b	SKY-LIGHT U-FACTOR ^b	GLAZED FENESTRATION SHGC ^b	CEILING R-VALUE ^f	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE ^e	FLOOR R-VALUE	BASEMENT WALL R-VALUE ^c	SLAB R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE ^c
2	0.35 ^f	0.55	0.27	30	13	4/6	13	0	0	0
3	0.35 ^f	0.55	0.27	30	13	5/8	19	5/13 ^d	0	5/13

- / Confirm that the *building thermal envelope* is insulated to code requirements and that the insulation is installed correctly by being in continuous contact throughout the entire envelope.
- / Ensure that your HVAC contractor has installed a heating and cooling system according to "Manual J" calculations and that the system was approved during the plan review. Also check for the proper sealing and insulation of the duct system. Beginning July 1st 2013 a duct blaster test will be required unless air handler and all of the systems duct work is located completely inside conditioned spaces. Also make sure that all mechanical, ventilation, and/or exhaust systems are installed correctly. Additionally, as of April 21, 2017 in order to pass the final inspection and receive a Certificate of Occupancy, you will be required to submit a successful blower door test by a qualified person approved by the Building Official to perform such tests.
- / If you have a circulating water heater or swimming pool, be certain that the specific requirements for each have been met.
- / See to it that at least half of the light bulbs installed in permanent light fixtures are high-efficacy. The definition of high-efficacy is: Compact fluorescent lamps, T-8 or smaller diameter linear fluorescent lamps or lamps with a minimum capacity to produce: 60 lumens per watt for lamps over 40 watts, 50 lumens per watt for lamps over 15 watts up to 40 watts, or 40 lumens per watt for lamps 15 watts or less.
- / The City of Dothan Energy Code Compliance Certificate is posted on or near the electrical panel or air handler.

For C/O Submit:

1. Prescriptive Approach Worksheet or Rescheck
2. Energy Code Duct & Envelope Testing Results
3. Manual J

STATEMENT OF COMPLIANCE WITH ALABAMA STATE ENERGY CODES
FOR RESIDENTIAL BUILDINGS

City of Taylor, Alabama

(2015 IECC with State of Alabama Amendments for Residential Dwellings)

The 2015 International Energy Conservation Code, published by the International Codes Council, when used in conjunction with the State of Alabama Energy and Residential Codes, constitutes the official Alabama State Energy Code for Residential Buildings. This Code establishes minimum regulations for energy efficient design, erection, construction, and/or alternation of one-and-two family dwellings and townhouses not more than three stories above grade in height with a separate means of egress and their accessory structures. Compliance with this Energy Code by designers and builders is mandatory.

This form must be completed entirely, signed and submitted at the time of permit application.

BUILDING PERMIT NUMBER: _____ DATE: _____

JOB SITE ADDRESS: _____

CONTRACTOR/BUILDER: _____

I/we do certify by signature below that the above permitted structure shall be built in compliance with the State of Alabama Energy Codes using one of the following methods: (Indicate with an "x" the appropriate choice.)

Insulation, Window and Door Requirements by Component (Prescriptive Component Approach)

This approach is assumed unless documentation is provided by the builder that either the trade-off or simulated performance options are being used. Insulation and window requirements prescribed in the 2015 IECC or Chapter 11 of the International Residential Code must be strictly adhered to in addition to the *mandatory* requirements for building envelope air sealing and mechanical systems (plumbing, electrical, HVAC). Applicants must complete the Energy Code Prescriptive Approach Worksheet and submit it along with the permit application and the construction plans for review.

REScheck with 2015 IECC as chosen option (Component UA Trade-off Approach)

Applicant must prepare and submit a REScheck report along with a building permit application, this form, and the construction plans for review. REScheck is available as a free download at <http://www.energycodes.gov/rescheck/>. REScheck allows you to demonstrate compliance with the weighted-average SHGC requirement and to perform simple trade-offs among building envelope components as well as receive credit for higher than standard heating and cooling equipment efficiencies. If using REScheck, you must use the Alabama version. Unless you are familiar with using REScheck software, download the 'REScheck Software User's Guide', while at the DOE website. The user's guide is imperative to understanding and using the software program correctly. After download and to establish the correct minimum compliance values for use in Lee County, select the City of Auburn or City of Opelika as your destination location. REScheck will automatically preset all climatic defaults specifically for IECC Codes compliance in Lee County.

Two (2) signed copies of the REScheck printed report for the work to be permitted must be submitted with each building permit application. One copy will be stamped "Reviewed For Codes Compliance" and will be given back to you at permit issue. This copy must be on the construction site and available to inspectors during inspections. The remaining copy will be retained for County records.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using REScheck.

ECC Section R405 (Simulated Performance Approach)

Section R405 provides an alternative way to meet the code's goal of effective use of energy based on a comprehensive analysis showing that the predicted annual energy costs of a *proposed home design* is less than or equal to that of a *standard reference design* (the same home built to meet the prescriptive criteria in the code). Because of the level of detail required in the analysis, this method is not often used for residential buildings. Please contact the Building Official for more information.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using the Simulated Performance Approach.

Energy Code Prescriptive Approach Worksheet

City of Taylor, Alabama

Building Permit No.: _____

Date: _____

Builder: _____

Phone Number: _____

Insulation Co.: _____

Phone Number: _____

Heating & Air Co.: _____

Phone Number: _____

Building Envelope Information	Type (batt / blown / spray foam)	R-value
Flat Ceiling R-value: {R30 min}	_____	_____
Sloped Ceiling / Roof Deck R-value: {R30 min}, {R19 w/REScheck}	_____	_____
Exterior Wall R-value: {R13 min}	_____	_____
Attic Knee Wall R-value: {R13 min}	_____	_____
Attic Knee Wall Sheathing R-value: {RS min}	_____	_____
Basement Stud Wall R-value: {R13 min}	_____	_____
Basement Mass Wall R-value: {RS min}	_____	_____
Sealed Crawlspace Stud Wall R-value: {R13 min}	_____	_____
Sealed Crawlspace Mass Wall R-value: {RS min}	_____	_____
Floor over Unconditioned Space R-value: {R19 min}	_____	_____
Floor over Air R-value: {R19 min}	_____	_____
Other Insulation Ralue and description: _____	_____	_____

Window Size

LI-Factor (from NFRC label) SHGC (from NFRC label)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Skylight	_____	_____
Glazed Door	_____	(> 50% glazed)
Opaque Door	_____	(< 50% glazed)

Mechanical (Systems) Information

Water Heater Type: Gas Electric Circulating Pump? Yes No

Number and Size of Heating & Cooling Systems: _____ / _____

Number of Air Handlers: _____

Heating System Type: Gas Heat Pump Other (explain) _____

Cooling System Type: Split Heat Pump Other (explain) _____

Total House Heating Load: _____ Btu/h Based on ACCA Manual J

Total House Cooling Load: _____ Btu/h Based on ACCA Manual J

Heating & Cooling Load Calculations Performed By: NAME: _____

Date: _____ Signature: _____

Alabama State License Number or P.E. Registration Number: _____

SIGNATURE: (Applicant) _____

COMPANY NAME: _____

PRINTED NAME: _____

ADDRESS: _____

CITY _____ STATE _____ ZIP _____

****NOTE: SUBMIT TO BUILDING OFFICIAL

Alabama Duct & Building Envelope Tightness Testing & Compliance Certification Form



Date			
HVAC Contractor		HVAC Cert.#	
DET Verifier		DET Cert.#	
City		State	Zip
Phone		E-mail	

Home Owner		City	
Address		State	Zip
Builder/Contractor		Permit #	

Building Envelope Tightness Verification

$$ACH_{50} = CFM_{50} \times 60 / \text{Volume}$$

Fan Flow @ 50 Pascals (CFM ₅₀)	Total Conditioned Volume	*ACH ₅₀	Code Compliant
			<input type="checkbox"/>

* IECC R402.4.1.2 (Modified for Zones 2 and 3) The building or dwelling unit shall have an air leakage rate not exceeding 5 air changes per hour (@ 50 pascals).

Duct Tightness Verification

$$\% \text{ Duct Leakage Result} = CFM_{25} \times 100 / \text{Conditioned Floor Area Served}$$

System	*Test	*Max. % Leakage	CFM ₂₅	Floor Area (ft ²)	% Leakage	Code Compliant
1						<input type="checkbox"/>
2						<input type="checkbox"/>
3						<input type="checkbox"/>
4						<input type="checkbox"/>

* Duct Testing is Mandatory (IECC R403.3.3)

Exception - No test is required where the ducts and air handlers are located entirely within the building envelope.

NTR = No Test Required

Maximum % Leakage N/A

Maximum Leakage per 100 square feet of conditioned floor area. (IECC R403.3.4)

RITnah = Rough in total Leakage with no air handler or furnace installed

Maximum % Leakage 3%

RIT = Rough in total leakage with air handler or furnace installed

Maximum % Leakage 4%

PCT = Post construction total leakage with system complete

Maximum % Leakage 4%

I certify that I have inspected the duct work associated with the HVAC unit referenced by the permit listed above (if applicable and where required) and found it complies with the requirements of chapter 305-2-4 of the Administrative Code of Alabama, known as the Alabama Energy and Residential Code.

DET Contractor
Signature

Date

*Note: Submit this document to Building Official.

City of Taylor, Alabama

AIR BARRIER AND INSULATION INSPECTION VERIFICATION CHECKLIST

In the checklist on the back, 'AB' and 'I' stand for the *air barrier* and *insulation* inspection components to be verified. City of Taylor Building Inspections (COTBI) will always verify the 'I' components and as many of the 'AB' components as possible during scheduled inspections. If COTBI does not verify the 'AB' components, they may be verified by a person independent of the insulation installer who is qualified to perform such inspections and who has been approved by the Building Official. Compliance may also be verified by a blower door test. Note: If any 'AB' component is covered up before a visual inspection is completed a blower door test becomes mandatory.

Third Party Certification:

The undersigned certifies that he/she has been approved by the City of Taylor Building Official to perform a visual inspection of the components listed above on the property located at _____ . I/we further certify that the criteria listed for each component that I/we have initialed above has been met and appears to meet the requirements of the Alabama Energy and Residential Code.

NAME: _____ Signature: _____

Date: _____ Permit Number: _____

Component		Criteria	Y, N, or N/A	Comments	Initials	Date
Floors (including above-garage and cantilevered floors)						
General	I	Insulation is installed to maintain permanent contact with underside of subfloor decking.				
	AB	Air barrier is installed at any exposed edge of insulation				
Rim Joists	I	Rim joists are insulated.				
	AB	Rim joists include an air barrier.				
Walls						
General	I	Corners and headers are insulated.				
	AB	Junction of foundation and sill plate is sealed.				
Crawl space walls	I	Insulation is permanently attached to walls.				
	I	Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.				
Windows and doors	AB	Space between window/door jambs and framing is sealed.				
Garage separation	AB	Air sealing is provided between the garage and conditioned spaces.				
Plumbing and wiring	I	Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.				
Shower/tub on exterior wall	I	Showers and tubs on exterior walls have insulation.				
	AB	Showers and tubs on exterior walls have an air barrier separating them from the exterior wall.				
Electrical/phone box on exterior walls	AB	Air barrier extends behind boxes or air sealed-type boxes are installed.				
Common wall	AB	Air barrier is installed in common wall between dwelling units.				
Fireplace	AB	Fireplace walls include an air barrier.				
Ceiling/Attic						
General	AB	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.				
	AB	Attic access (except unvented attic), knee wall, or drop down stair is sealed.				
Recessed Lighting	AB	Recessed light fixtures penetrating thermal envelope are air tight, IC-rated, and sealed to drywall.				
Other/All						
Air barrier and thermal barrier	I	Exterior thermal envelope insulation for framed assemblies is installed insubstantial contact and continuous alignment with building envelope air barrier.				
	AB	Breaks or joints in air barrier are filled or repaired. Air-permeable insulation is NOT used as a sealing material. Air-permeable insulation is inside of an air barrier.				
Shafts, penetrations	AB	Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.				
Narrow Cavities	I	Batts in narrow cavities are cut to fit, or narrow cavities are filled with sprayed/blown insulation.				
HVAC register boots	AB	HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.				