

Residential Home Mechanical Inspection
314-872-2500

Apartment Re-occupancy Mechanical
Inspection 314-442-2092



RESIDENTIAL MECHANICAL FEE:

\$ 70.00 Apply within 48 hours of install
\$140.00 Not applying within 48 hours AFTER install

Building Division

Mechanical Equipment and Building Code Requirements

Manufacturer's installation guidelines and equipment specifications shall be on site for inspection purposes

1. Approved vent systems for gas-fired appliances shall be installed and terminated per the manufacturer's installation guidelines. All vent systems shall be UL listed and labeled. NOTE: Installation of a Power Exhauster may require make-up air to be provided.
2. Draft requirements. New or existing chimneys or vents shall be sized or resized so as to develop a positive flow to convey combustion products to the outside atmosphere and to control flue gas condensation.
3. Each gas appliance shall have a gas shut-off valve (within 6 feet of the appliance in the same room) and a ground joint union between the appliance and the appliance shut-off valve. A sediment trap is required at each appliance.
4. The annular gap around any pipe or vent shall be properly fireblocked at any floor or ceiling level it penetrates.
5. Gas piping identification. For other than black steel pipe, **NEW** exposed piping shall be identified by a yellow label marked "GAS" in black letters. The marking shall be placed at intervals not exceeding 5 feet. The marking shall not be required on piping located in the same room as the equipment served. Gas piping materials shall meet the testing standards listed in the mechanical code and fuel gas code.
6. Fuel-burning appliances shall be provided with combustion air as required by the manufacturer's specifications or mechanical code. The mechanical code requires that 50 cubic feet of combustion air be provided per 1,000 Btu/h of the aggregate input rating of all gas-fired appliances located in the mechanical room. Combustion air shall not be drawn from a bedroom, bathroom or storage closet. Direct vent appliances that do not draw combustion air from inside the building are exempt from these requirements.
7. Outside opening protection. Air exhaust and intake openings that terminate outdoors and serve high efficiency furnaces shall be protected with corrosive-resistant screens, louvers or grilles having a minimum opening size of ¼ inch and a maximum opening size of ½ inch in any dimension. Check manufacturer's requirements.
8. Air conditioner leveling pads. Manufacturers require exterior condenser units to be placed on a level support pad.
9. Air conditioner's electrical circuit breaker shall be properly sized.
10. The installation of any new electrical wiring shall require the issuance of an electrical permit from St. Louis County Department of Public Works.

NOTICE TO THE INDUSTRY AND PUBLIC

Effective August 25, 2011 (per Ordinance No. 5214) all replacement furnaces and air conditioners shall be installed by mechanical contractors who have been licensed by St. Louis County Department of Public Works.

DO NOT DUPLICATE THIS FORM



RESIDENTIAL MECHANICAL PERMIT

CITY OF CREVE COEUR, MISSOURI
COMMUNITY DEVELOPMENT DEPARTMENT

Permit # _____

COMPLETE INFORMATION REQUIRED FOR ALL SECTIONS BELOW. PLEASE PRINT CLEARLY.

Select: COURT LANE DRIVE

Application Date _____ Project Address _____

Estimated Construction Cost * _____ Licensed with St. Louis County YES NO

*We do not need your license number

Residential Home Mechanical Inspection 314-872-2500 Apartment Re-Occupancy Mechanical Inspection 314-442-2092

Applicant Name _____ Owner: Agent: Contractor: _____

Street address _____ City _____ State _____ Zip _____

Phone _____ FAX _____ EMAIL _____

Property Owner Name _____

Street address _____ City _____ State _____ Zip _____

Phone _____ FAX _____ EMAIL _____

Contractor _____ Contact Name _____

Street address _____ City _____ State _____ Zip _____

Phone _____ FAX _____ EMAIL _____

CONTRACTOR FAX # REQUIRED

MECHANICAL EQUIPMENT INFORMATION

<p><u>FURNACE</u> BRAND NAME: _____</p> <p>MODEL NUMBER: _____</p> <p>SIZE (BTU"s): _____ % EFFICIENCY RATING: _____</p> <p>For Electric Furnaces: Maximum Breaker Size _____ amps</p> <p style="padding-left: 100px;">Minimum Breaker Size _____ amps</p> <p><u>AIR CONDITIONER</u> BRAND NAME: _____</p> <p>MODEL NUMBER: _____</p> <p>SIZE (TONS): _____ SEER EFFICIENCY RATING: _____</p> <p style="padding-left: 100px;">Maximum Breaker Size _____ amps</p> <p style="padding-left: 100px;">Minimum Breaker Size _____ amps</p> <p><u>OTHER (A-Coil, Air Handler, etc.)</u> BRAND NAME: _____</p> <p>MODEL NUMBER: _____</p> <p>SIZE: _____ TYPE OF EFFICIENCY RATING: _____</p>	<p>THE INSTALLATION OF ANY NEW ELECTRICAL WIRING SHALL REQUIRE THE ISSUANCE OF AN ELECTRICAL PERMIT FROM ST. LOUIS COUNTY DEPARTMENT OF PUBLIC WORKS</p>
<p style="text-align: right;">Date of Install: _____</p> <p style="text-align: right;">Date of Install: _____</p>	<p>MANUFACTURER'S INSTALLATION GUIDELINES AND EQUIPMENT SPECIFICATIONS SHALL BE ON SITE FOR INSPECTION PURPOSES</p>

PLEASE CALL 314-872-2521 TO REQUEST A FINAL INSPECTION UPON COMPLETION OF THIS WORK

I certify that I am the owner in fee or agent and am authorized to apply for this permit and that cost estimates are true and correct. *Estimated cost = total project cost minus (cost of land + professional fees)

Applicant Signature Date

No building or structure can be occupied or used for any purpose whatsoever until the **OCCUPANCY PERMIT** has been issued by this department.

* Trustee review required for residential exterior alterations only.

In accordance with Sewage Bill 530 "the disposal of demolition and construction waste is regulated by the Department of Natural Resources under Chapter 260, RSMO. Such waste shall be taken to a demolition landfill or a sanitary landfill for disposal."

If any material change in the plans and specifications, or the estimated cost of the project is made, a report thereof must be made to this department.

FAILURE OF THE PERMIT HOLDER TO OBTAIN FINAL APPROVAL shall result in the forfeiture of the escrow and/or municipal court action.

OFFICE USE ONLY

Initial Plan Review Date _____ Comments: faxed / mailed / phone / none	Revisions Received Date _____ Complete / Incomplete / Inadequate	Revisions Review Date _____ OK to Issue / More Comments
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Plans Reviewed By : _____ Date Completed : _____

Date Permit Issued : _____ Inspector Assigned : _____

Permit / Inspection Fee <u>\$ 70.00</u> <input type="checkbox"/> paid Penalty Fee* <u>\$ 70.00</u> <input type="checkbox"/> paid Balance Due \$ _____ City Valuation \$ _____ <input type="checkbox"/> as submitted <input type="checkbox"/> adjusted _____	REASON FOR PENALTY FEE*: 1. Stop Work Order 2. Not applying within 48 HOURS of install is \$140.00 3. Applying with St. Louis County instead of Creve Coeur *To avoid a penalty fee visit the St. Louis County website to verify the address is in Creve Coeur
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IBC Types of Construction and Occupancy Classifications

	A1	A2	A3	A4	A5	B	E	F1	F2	H1	H2	H3	H4/5	I1	I2	I3/4	M	R1	R2	R3	R4	S1	S2	U
1A																								
1B																								
2A																								
2B						 																		
3A																								
3B															 									
4																								
5A																								
5B										 	 			 	 					 				
Mod 1B																								
Mod 2A																								

THIS IS TO CERTIFY THAT PERMISSION WAS GRANTED TO THE PERMIT APPLICANT FOR THE WORK REPRESENTED ON THIS PERMIT. THIS PERMIT SHALL BECOME INVALID IF THE AUTHORIZED WORK IS NOT COMMENCED WITHIN THREE (3) MONTHS AFTER ISSUANCE OF THE PERMIT, OR IF THE AUTHORIZED WORK IS SUSPENDED OR ABANDONED FOR SIX (6) MONTHS OR IF THE PROJECT IS NOT COMPLETED WITHIN ONE (1) YEARS AFTER THE ISSUANCE OF A COMMERCIAL BUILDING PERMIT OR WITHIN ONE (1) YEAR AFTER THE ISSUANCE OF A RESIDENTIAL BUILDING PERMIT. PERMITS MAY BE GRANTED AN EXTENSION UNDER EXTENUATING CIRCUMSTANCES.

Permit Issuance Date _____ Authorized by _____	PERMIT EXPIRES _____
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Final Inspection Approval / Date _____ _____ Inspector NOTICE : Use of this property / space for any other purpose other than that indicated by this permit constitutes a violation of the Creve Coeur Zoning Code. It shall be unlawful to occupy this property / space unless this section bears the Occupancy Approval stamp and the signature of the Chief Building Official.	
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ESCROW RELEASE AUTHORIZATION

Upon final inspection it has been determined that this project has been substantially completed in accordance with the approved construction documents. Please release the escrow funds for this project.

Escrow Deduction/Reason \$ _____

Amount of Escrow Released \$ _____

Building Permit Number _____

Address _____

Chief Building Official

Date