



MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 43—December 2024

<https://www.sedgwickcounty.org/mabcd/mabcd-newsletter/>

Chris Nordick - Editor

Get all of your latest MABCD news each month right here with the MABCD newsletter

Administration -

An important note about license renewals:

It was recently discovered that, due to a computer error, not all of the renewal packets were mailed by September 1st. Those that were not mailed at that time were sent out on November 15th. **If you have already renewed, and you have received a renewal application in the mail, please disregard it.**

We apologize that not all the mailings went out prior to September 1st as planned, but there is plenty of time to renew your license before December 31st. As a reminder, the renewal reminders sent by MABCD are courtesy reminders. Each license has the date that the renewal cycle begins (September 1st) as well as the expiration date (December 31st) printed on it. It is the responsibility of the license holder to renew by December 31st.

GENERAL CONTRACTOR LICENSES will expire on December 31st at midnight.

You may renew without penalty through January 31st, however, if you have not renewed for this cycle by December 31st at 12:00 am, **you will not be able to obtain inspections on your open permits nor obtain new permits until your license has been renewed.**

Biennial license renewal fees after January 31st of the renewal year are: • February 1st - 28th (or 29th): License fee + 25% of license fee for penalty. • After February 28th (or 29th): License fee + 50% of license fee for penalty.

Please make sure your correct mailing information is on file with MABCD. Although MABCD sends out renewal reminders as a courtesy, it is the contractor's responsibility to make certain their license is renewed.

General Contractors have the option to renew online, by postal mail, or in person by appointment.

MABCD Staff will not hold incomplete renewal packets. Incomplete renewal packets will be returned to the contractor.

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Special points of interest

- General Contractor License.
- Renewals.
- Roof Ventilation.
- Air Admittance Valves (AAV).
- Exhaust Systems.
- Steel Gas Piping.
- ICC Training Opportunity.
- Proper use of extension cords.
- Advisory Board calendar.
- Temporary Certificate of Occupancy (TCO).

Administration - *Continued*

If you are planning to renew in person, please be certain to have all required documentation in hand.

Required documents:

If you are a roofing contractor, please verify that your roofing registration is current with the State of Kansas.

Bring, upload, postal mail:

Completed renewal application (Qualified Person, Owner/Sole Proprietor/all Partners/Officer of Corp/LLC **must sign**)

Insurance for General Liability, Auto, Work Comp

The Certificate Holder on the Certificate of Insurance for General Liability **must read:**

MABCD

271 W. 3rd

Suite 101

Wichita, KS 67202

In lieu of Auto and/or Work Comp, a signed, notarized waiver for Auto and/or Work Comp

Even if you previously submitted a waiver with the last renewal, it must be updated with each renewal cycle

If your business is a corporation (LLC, INC), a Certificate of Good Standing or screen shot from the State of Kansas Business Entity website showing that your company is active and in good standing with the State of Kansas.

All documents, including the renewal application, must list the company name exactly as listed on the license, such as:

Company Name, Inc (or LLC) for corporations / LLCs or *Applicant Name dba Company Name* for sole proprietors

If you are wanting to change your company name during renewal season, you must notify staff that you are requesting a name change and supply all documentation with the new name.

If you have questions, please contact MABCD at 316-660-1840.

Building Division

IRC Section R806—Roof Ventilation

R806.2 Minimum vent area.

The minimum net free ventilating area shall be $\frac{1}{150}$ of the area of the vented space.

Exception: The minimum net free ventilation area shall be $\frac{1}{300}$ of the vented space provided both of the following conditions are met:

1. In Climate Zones 6, 7 and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.
2. Not less than 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located not more than 3 feet (914 mm) below the ridge or **highest point of the space, measured vertically. The balance of the required ventilation provided shall be located in the bottom one-third of the attic space. Where the location of wall or roof framing members** conflicts with the installation of upper ventilators, installation more than 3 feet (914 mm) below the ridge or highest point of the space shall be permitted.

SECTION R806—ROOF VENTILATION

We have been seeing some new homes and reroofs that are short on venting, Let's go through an example...

For a home with 2000 square feet of attic floor space, you'll first divide 2000 by 300 ($2000 \div 300 = 6.66$). You need 6.66 square feet of attic ventilation. Since you want a balanced system, you divide by 2 so that half of the ventilation is intake and half is exhaust. Thus, $6.66 \div 2 = 3.33$ square feet of attic ventilation for intake and 3.33 square feet of attic ventilation for exhaust. Because vents are rated in square inches, you need to convert the square feet required to square inches. This is accomplished by taking the square feet recommended and multiplying by 144 (The number of square inches in a square foot). Thus, $3.33 \times 144 = 480$ square inches of attic ventilation is required for intake and 480 square inches for exhaust.

Once the recommended amount of Net Free Area is known and the type of vents have been selected, you can determine how many vents you will need. The next step is to divide the NFA required by the NFA rating of the vent. In our 2000 square feet example, we determined we needed 480 square inches for intake & 480 square inches for exhaust. For this example, let's use the Lomanco 750 Slant Back Vent (50 square inches NFA) for the exhaust vents & the Deck-Air DA-4 (36 square inches NFA) for the intake vents. To calculate the number of 750 vents needed, divide 480 by 50 to get 9.6 vents. Rounding up, you would need ten (10) 750 Vents. Because you always want your intake NFA to meet or exceed the amount of exhaust NFA, we will take the amount of exhaust NFA provided and divide by the NFA rating of the Deck-Air. To calculate the number of Deck-Air Vents needed, divide 500 (10×50) by 36 to get 13.9 vents. Thus, you would need 14 Deck-Air Vents.



Building Division—*continued*

Air Admittance Valve (AAV)

An Air Admittance Valve (AAV) is a plumbing device. An AAV is used by plumbers in the rare instance where a plumbing sanitary drainage system cannot be vented outside as required by plumbing code due to structural limitations. The check box on building permits is there so that general contractors performing remodels with plumbers may apply for approval of the use of an AAV. The review process will hold up the issuance of building permits until review of the application and approval or denial can occur.

A brief look at the BLD permits issued in 2024 seems to reveal that a relatively small percentage of building permit applications have the AAV check box marked as UNKNOWN. Checking the box UNKNOWN triggers a permit review.

At the time of this writing there are 956 licensed building contractors in the MABCD system and 5235 building permit applications have been processed so far this year so even a small percentage of permits with the check box marked as UNKNOWN results in a large number of unnecessary reviews.

Please select NO in the check box for all building permit applications that do not have a plumbing contractor attached. Building permit applications will process more smoothly and reduce unnecessary permit reviews.

Electrical Division -

Please visit our website for more information: [Electrical, Elevator, & Alarm Division](#)

Merry Christmas and Happy New Year



Mechanical Division -

Please visit our website for more information: [Mechanical Division](#)

There are several significant changes from the 2021 to the 2024 IMC, MABCD will be posting these changes in upcoming editions of MABCD's newsletter.

This month's changes come from Chapter 5 – Exhaust Systems:

Chapter 5—Exhaust Systems

Section 501.6 - Common Ducts. The discharge from exhaust fans serving separate dwelling or sleeping units shall not be connected to a common duct or shaft, except where the common duct or shaft is maintained at a negative pressure.

*This provision will more effectively prevent exhaust air from one dwelling unit or sleeping unit from being introduced into another when the fans do not operate continuously.



Section 504.10 – Commercial Clothes Dryers The installation of dryer exhaust ducts serving commercial dryers shall comply with the appliance manufacturer's installation instructions.

Exhaust fan motors installed in exhaust systems shall be located outside of the airstream. In multiple installations, the fan shall operate continuously or be interlocked to operate when any individual unit is operating.

Ducts shall have a minimal clearance of 6 inches(152 mm) to combustible materials. Clothes dryer transition ducts used to connect the appliance to the exhaust duct system shall be limited to single lengths not to exceed 8 feet (2438 mm) in length and listed and labeled for the installation in accordance with UL 2158A. Transition ducts shall not be concealed within construction.

*Commercial drying appliances are designed for higher volumes, temperatures and frequency of use found in public access and commercial laundries. UL 2158A listing was added to the commercial dryer duct provision to ensure the proper transition ducts are being utilized.



Plumbing Division -

Please visit our website for more information: [Plumbing Division](#)

Steel Gas Piping

The picture below is a steel gas pipe that was not wrapped or sleeved in contact with brick and mortar into a house.

Fortunately no persons or property were lost due to this corroded gas pipe. Below the picture are links to videos showing explosions related to gas leaks.



<https://www.youtube.com/watch?v=xRqMlo2DHpQ>

<https://www.youtube.com/watch?v=gRzSKcRtsLA&t=48s>

<https://www.google.com/search?>

Plumbers please protect your customers life and property and your reputation. Please use leak detection devices or fluids on every appliance change out.

The September and October MABCD newsletters contain sections about gas piping and appliance safety.

[40-mabcd-newsletter-publication-september-2024.pdf](#)

[41-mabcd-newsletter-publication-october-2024.pdf](#)

The MABCD Plumbing Inspection staff extend to you our wish for you to have a safe and MERRY CHRISTMAS and a HAPPY NEW YEAR!



Plans Examiners-

ICC Training Class—Flyer and Registration

Metropolitan Area Building and Construction Department and the Wichita Fire Department are sponsoring an ICC training class “Transition from 2018 to 2024 IBC” at the Wichita Fire Department Regional Training Center located at 4780 E. 31st Street South.

Please click the link below to access the flyer and registration form if you would like to attend.

[Flyer and Registration Form for ICC Class](#)

Extension Cords—Proper use for holiday lighting

We know a lot of businesses may want to show the holiday spirits through light exhibitions.

Please be careful and remember if your business is one that is festive and exhibits holiday lights, please use caution when using extension cords. NFPA 11.1.5.1 reads, *Extension cords shall be plugged directly into an approved receptacle, power tap, or multi-plug adapter and shall, except for approved multi-plug extension cords, serve only one portable appliance.*

Stay safe



MABCD Advisory Boards - Calendar

- [Board of Building Code Standards and Appeals \(BCSA\)](#)
- [Board of Electrical Appeals \(BEA\)](#)
- [Board of Appeals of Refrigeration, Air Conditioning, Warm Air Heating, and Boiler](#)
- [Board of Appeals of Plumbers and Gas Fitters](#)

December 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 <i>MABCD BCSA Meeting CANCELLED</i>	3	4	5 <i>MABCD Mechanical Board Meeting</i>	6	7
8	9	10 <i>MABCD Electrical Board Meeting</i>	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25 <i>MABCD Plumbing Board CANCELLED</i>	26	27	28
29	30	31				

Assistant Directors Desk -

TEMPORARY CERTIFICATE OF OCCUPANCY FOR COMMERCIAL PROJECTS.

Section 111.3 of the International Building Code authorizes the building official to issue a Temporary Certificate of Occupancy (TCO). Pursuant to that MABCD has developed a process and form to enable this to take place. It involves a specific set of requirements to be met in order for the TCO to be approved. Once completed and approved it is to be posted at the job site for all to see.

TCO's are typically issued to allow items such as furniture and fixtures to be installed that are unrelated to the inspection/construction process, allowing the process to keep moving forward towards a final inspection and occupancy of the structure. Additional factors that play into this are private projects and landscaping requirements.

Today we are seeing more and more requests for TCO's which may be related to construction issues, timing of delivery of products, and unforeseen issues.

In addition to the increased requests MABCD is seeing more permits going to VOID status for several reasons. The main one being the appearance of a TCO being a final inspection and the assumption that no additional inspections are required. It appears the T in TCO has been dropped out and many are going with CO and not completing the inspection process and moving forward with occupancy in many cases. In these cases an immediate issue may not arise, however when an issue does arise it casts an unpleasant shadow over both the contractor and MABCD.

Please keep all this in mind when you are requesting a TCO and don't assume it implies a CO with no further action for a final inspection.

MABCD desires to make the process as seamless as possible and work with you to protect the health and safety for all.

Tim Wagner
Assistant Director
MABCD