



MABCD CONSTRUCTION INDUSTRY NEWSLETTER

Issue 40—September 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

GENERAL CONTRACTOR license renewals officially begin on September 1st.

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.

- MABCD cannot accept renewal documents/payments prior to September 1st.
- Beginning September 1st, 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.
- 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**

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Special points of interest

- General Contractor License Renewals
- Under Stair Protection.
- 2023 NEC—Surge Protection—Main Service or Feeder?
- Plumbing Repairs and Additions.
- Fire Safety During Construction.
- Advisory Board calendar.

Administration - Continued

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 R302.7 Under-stair protection

The MABCD Building Inspection Department would like to discuss a previously visited topic that we are still having some issues with when performing Certificate of Occupancy inspections. That topic is the complete protection of a stair case for fire and rescue personnel.

MABCD per the 2018 IRC requires the stairs to be protected for ingress and egress by emergency response individuals carrying heavy equipment during an emergency. The structural components of all stairs inside the home need to last as long as possible in the event they need to be used as a last resort.



R302.7 Under-stair protection. Enclosed space under stairs that is accessed by a door or access panel shall have walls, under-stair surface and any soffits protected on the enclosed side with 1/2-inch (12.7 mm) gypsum board.



The code says the under stair space has to be accessible or completely inaccessible.

Essentially what this means for the contractor is, if the space underneath any portion of the stairs isn't completely walled off, by drywall or foundation walls blocking access to that space, then the contractor is required to attach sheetrock to the lid and sidewalls directly underneath that stairway. For purposes of full protection, at least one coat of mud and tape is needed on seams and mud over screws is required.

Electrical Division -

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

2023 National Electrical Code (NEC) adoption Article 230.67—Surge Protection

During the 2020 NEC Code Adoption, Article 230.67 (A) was amended as a requirement and excluded from adoption. However, the Board of Electrical Appeals and MABCD continued to recommend the installation of this equipment to our contractors, to protect the now numerous amount of electronics in a home including Smoke Alarms, GFCI's, AFCI's, and other electronically controlled equipment.

MABCD has now adopted the 2023 NEC, and with this adoption Article 230.67 will be adopted and enforced as of January 1, 2025.

Article 230.67 Surge Protection.

(A) Surge-Protective Device. All services supplying the following occupancies shall be provided with a surge-protective device (SPD):

- (1) Dwelling Units
- (2) Dormitory units
- (3) Guest rooms and guest suites of hotels and motels
- (4) Ares of nursing homes and limited-care facilities used exclusively as patient sleeping rooms

(B) Location. The SPD shall be an integral part of the service equipment or shall be located immediately adjacent thereto.

Exception: The SPD shall not be required to be located at the service equipment as required in 230.67(B) if located at each next level distribution equipment downstream toward the load.

(C) Type. The SPD Shall be Type 1 or Type 2 SPD.

(D) Replacement. Where service equipmnet is replaced, all of the requirements of this section shall apply.

(E) Ratings. SPDs shall have a nominal discharge current rating (In) of not less than 10kA.



Type 1 SPDs for the supply side of service entrance.



Type 2 SPDs are typically service entrance SPD panels or branch circuit SPD panels that are connected on the load side of the service disconnect overcurrent device (main service panel).



Type 3 SPDs are typically surge receptacles or cord connected point-of use devices. Leviton offers a complete assortment in duplex and quad in many styles and colors.

Type 4 SPDs are component assemblies consisting of one or more Type 5 components together with a disconnect (integral or external) or a means of complying with the limited current tests in UL 1449.

Type 5 SPDs Discrete component surge suppressors connected by its leads or provided with an enclosure with mounting means and wiring terminations.

Plumbing Division -

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

2021 UPC Section 1213.1.2—Repairs and Additions

Section 1213.1.2 Repairs and Additions.

Where repairs or additions are made following the pressure test, the affected piping shall be tested. Minor repairs and additions are not required to be pressure tested, provided that the work is inspected and connections are tested with a non-corrosive leak detecting fluid or other leak detecting methods approved by the Authority Having Jurisdiction. [NFPA 54:8.1.1.3]

Section 1213.4.1 Detecting Leaks

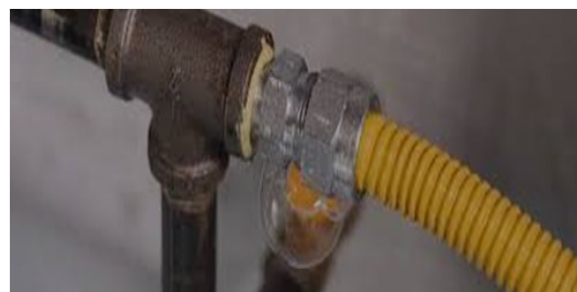
The leakage shall be located by means of an approved gas detector, a noncorrosive leak detection fluid, or other approved leak detection methods. [NFPA 54:8.1.5.2]

Section 1213.4.2 Repair or Replace

Where leakage or other defects are located, the affected portion of the piping system shall be repaired or replaced and retested. [NFPA 54:8.1.5.3]

MABCD inspectors are observing leaks on gas piping where appliances such as water heaters, furnaces, clothes dryers and kitchen equipment are installed with disturbing frequency.

There is no safe level or amount of leakage on fuel gas piping and appliances! An electronic flammable gas leak detector may be used if you so choose but code specifically states that a noncorrosive leak detecting fluid is acceptable. Noncorrosive leak detecting fluid may be as simple as 9 parts tap water mixed with 1 part of dish soap in a common spray bottle that may be purchased at any local grocery store. Most wholesale suppliers and hardware stores have spray on or brush on gas leak detector fluid in stock in various sizes for less than \$20 that could easily be sufficient quantity to test multiple appliance installations. Probably less than \$1 to protect the customers life and property, your reputation as a professional contractor and our collective reputation as a skilled trade.



There have been several instances over the years where toilets have been connected to a grease waste piping system inside a building or the sanitary building drain was routed through the grease interceptor instead of the grease waste building drain. Either of these conditions is not acceptable and is very expensive to correct. MABCD plumbing inspectors and the Fats, Oil and Grease (FOG) waste program staff at Wichita Public Works are requesting that all grease waste piping have a continuous paint stripe placed upon it for easy identification. This is to include the underground piping inside and outside the structure and drains in the walls. Orange inverted marking paint is readily available, inexpensive and easy to use. This request will be a subject for inclusion into the local plumbing code amendments during the current review and adoption of the 2024 Uniform Plumbing Code.

Plumbing Division – Continued

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

Grease Interceptors

Questions about grease interceptor requirements for restaurants in Wichita?

FOG program staff may be contacted at;

Phone 316-303-8700

Email FOG@Wichita.gov

Link to the website; <https://www.wichita.gov/789/Grease>

The Appeals Board for Plumbers and Gas Fitters meets the last Wednesday of the month at 9am in room 318 at the Ronald Reagan office building 271 W 3rd St. N and is available on the Zoom meeting platform. Please send your request to be added to the meeting invitation distribution list to Jason.little@sedgwick.gov.

Please send me an email if you have a newsletter topic you would like to see in this newsletter.



FIRE SAFETY DURING CONSTRUCTION

SECTION 3308 OWNER'S RESPONSIBILITY FOR FIRE PROTECTION

3308.1 Program development and maintenance. The owner or owner's authorized agent shall be responsible for the development, implementation and maintenance of a written plan establishing a fire prevention program at the project site applicable throughout all phases of the construction, repair, alteration or demolition work. The plan shall address the requirements of this chapter and other applicable portions of this code, the duties of staff, and staff training requirements. The plan shall be made available for review by the fire code official upon request.

3308.2 Program superintendent. The owner shall designate a person to be the fire prevention program superintendent who shall be responsible for the fire prevention program and ensure that it is carried out through completion of the project. The fire prevention program superintendent shall have the authority to enforce the provisions of this chapter and other provisions as necessary to secure the intent of this chapter. Where guard service is provided in accordance with NFPA 241, the superintendent shall be responsible for the guard service.

3308.3 Pre-fire plans. The fire prevention program superintendent shall develop and maintain an approved pre-fire plan in cooperation with the fire chief. The fire chief and the fire code official shall be notified of changes affecting the utilization of information contained in such pre-fire plans.

3308.4 Training. Training of responsible personnel in the use of fire protection equipment shall be the responsibility of the fire prevention program superintendent. Records of training shall be kept and made a part of the written plan for the fire prevention program.

3308.5 Fire protection devices. The fire prevention program superintendent shall determine that all fire protection equipment is maintained and serviced in accordance with this code. The quantity and type of fire protection equipment shall be approved. Fire protection equipment shall be inspected in accordance with the fire protection program.

3308.6 Hot work operations. The fire prevention program superintendent shall be responsible for supervising the permit system for hot work operations in accordance with Chapter 35. 3308.7 Impairment of fire protection systems. Impairments to any fire protection system shall be in accordance with Section 901.

3308.7.1 Smoke detectors and smoke alarms. Smoke detectors and smoke alarms located in an area where airborne construction dust is expected shall be covered to prevent exposure to dust or shall be temporarily removed. Smoke detectors and alarms that were removed shall be replaced upon conclusion of dust-producing work. Smoke detectors and smoke alarms that were covered shall be inspected and cleaned, as necessary, upon conclusion of dust-producing work.

3308.8 Temporary covering of fire protection devices. Coverings placed on or over fire protection devices to protect them from damage during construction processes shall be immediately removed upon the completion of the construction processes in the room or area in which the devices are installed.

CONSTRUCTION SITE FIRE SAFETY

SECTION 3310 ACCESS FOR FIRE FIGHTING

3310.1 Required access. Approved vehicle access for firefighting shall be provided to all construction or demolition sites. Vehicle access shall be provided to within 100 feet (30 480 mm) of temporary or permanent fire department connections. Vehicle access shall be provided by either temporary or permanent roads, capable of supporting vehicle loading under all weather conditions. Vehicle access shall be maintained until permanent fire apparatus access roads are available.

3310.2 Key boxes. Key boxes shall be provided as required by Chapter 5.

SECTION 3312 WATER SUPPLY FOR FIRE PROTECTION

3312.1 When required. An approved water supply for fire protection, either temporary or permanent, shall be made available as soon as combustible material arrives on the site.

SECTION 3313 STANDPIPES

3313.1 Where required. In buildings required to have standpipes by Section 905.3.1, not less than one standpipe shall be provided for use during construction. Such standpipes shall be installed prior to construction exceeding 40 feet (12 192 mm) in height above the lowest level of fire department vehicle access. Such standpipes shall be provided with fire department hose connections at locations adjacent to stairways complying with Section 3311.1. As construction progresses, such standpipes shall be extended to within one floor of the highest point of construction having secured decking or flooring.

3313.2 Buildings being demolished. Where a building is being demolished and a standpipe is existing within such a building, such standpipe shall be maintained in an operable condition so as to be available for use by the fire department. Such standpipe shall be demolished with the building but shall not be demolished more than one floor below the floor being demolished.

3313.3 Detailed requirements. Standpipes shall be installed in accordance with the provisions of Section 905.

Exception: Standpipes shall be either temporary or permanent in nature, and with or without a water supply, provided that such standpipes comply with the requirements of Section 905 as to capacity, outlets and materials.



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](#)

September 2024

Sun Mon Tue Wed Thu Fri Sat

1	2	3	4	5 <i>MABCD Mechanical Board Meeting</i>	6	7
8	9 <i>MABCD BCSA Board Meeting</i>	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 Meeting</i>	26	27	28
29	30					