

MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Book Index

11/1/2010 Repeal of all previous policies

Administrative

8/1/2017 Calculation of Permit Fees

6/1/2022 Review of Plats for New Construction

8/1/2017 Inspection of Existing Buildings

11/1/2010 Plan Review

11/1/2010 Issuance of Replacement Permit Cards

8/1/2017 Commercial Temporary Occupancy Permits

11/1/2010 Overtime Inspections

Technical

8/1/2017 Attic Scuttles in Residential Garages

8/1/2017 Door Holders in Rated Corridors within Educational Occupancies

8/1/2017 Continuous Handrails in Residential Occupancies

8/1/2017 Insulation on Residential Furnace Refrigeration Suction Lines

8/1/2017 Fire Alarm System Final Inspections 1 of 2

8/1/2017 Fire Alarm System Final Inspections 2 of 2

8/1/2017 Hazardous Materials Permit Submittals

8/1/2017 Fire Alarm System Permitting

8/1/2017 Water Supply for Standpipes in Sprinklered Buildings

8/1/2017 Fire Alarm Certificating/Placarding Documentation

8/1/2017 Fire Alarm Documents

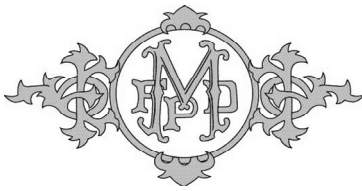
8/1/2017 Exterior audible/visual for sprinkler systems

8/1/2017 Fire Alarm Certificating/Placarding – Existing Systems

8/1/2017 HVLS fans/sprinkler protection

1/29/2020 Grass pavers for fire apparatus access roads

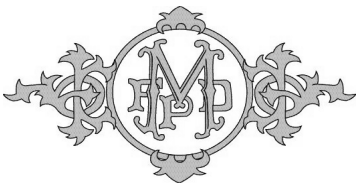
9/2/2020 Special Inspections/labeling firestop systems



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Book Index

4/6/2022	Electric Vehicle (EV) Charging Stations
5/23/2023	Fire Alarm Permit Documents
6/21/2023	Distance measurement to fire hydrants



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

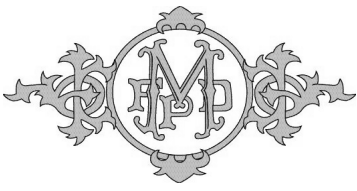
Policy Number:	
Category:	
Date:	November 1, 2010

Subject:	Repeal of all previous policies
Code:	
Section:	

With the update to the 2009 I-Codes, all prior policies are repealed.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A17-01
Category:	Administrative
Date:	August 1, 2017

Subject:	Calculation of Permit Fees
Code:	
Section:	

The fee shall be based upon the estimated cost as calculated by St Louis County Public Works for building, mechanical, plumbing & electrical permits or completion of the MFPD Project Cost Breakdown form.

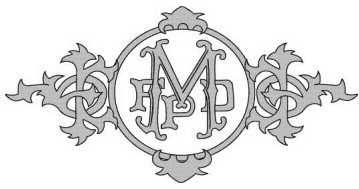
Commercial

The County cost, if it is not a full thousand figure, shall be rounded up to the next full thousand. The appropriate permit fee from table T109.2 in Ordinance Number 129 shall apply.

This policy replaces A10-01, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A22-02
Category:	Administrative
Date:	June 1, 2022

Subject:	Review of Plats for New Construction
Code:	<i>International Building Code/2015</i>
Section:	917.1

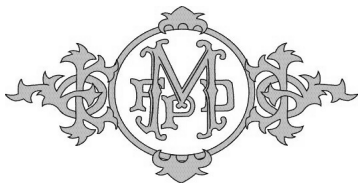
As required by Section 917.1 of Ordinance No. 129 effective on February 1, 2017, plats for new subdivisions and new commercial developments are sent to the Fire Prevention Bureau for our approval and location of fire hydrants, both public and private. In order to provide as much uniformity as possible, the following guidelines are to be used in the handling of said plats when received.

1. Developer shall complete a permit application, pay the required fee, one (1) PDF copy of the plat to scale and supply us with a minimum of five (5) copies of the plat for the following distribution:
 - a. Planning Department (St. Louis County, Green Park or Sunset Hills)
 - b. Missouri American Water Company
 - c. Developer or engineer
 - d. Fire Prevention Bureau file
 - e. Deputy Chief for running card/pre-plan
2. Date stamp plats when they arrive
3. Do field work up of existing hydrants in the area
4. Layout the proposed location on the new plat within the following guidelines:
 - a. Mehlville FPD is a Class 3 Fire Department
 - b. Use the ISO Guide dated April 3, 1981, and the *International Fire Code/2015*, for the criteria for hydrant layout.
 - c. Any dead-end streets or cul-de-sacs, when they exceed 150' in length shall have a fire hydrant located at or near the end of the street or cul-de-sac and additional hydrants as necessary within the required spacing rule.
5. Any peculiar situations or potential impediments to fire apparatus response, such as, but not limited to, street less than 22' in width, shall be referred to the Fire Chief for his recommendation
6. Mark the proposed locations for fire hydrants with a red X on the plans.
7. Stamp, sign and date the plats and distribute to the appropriate parties.
8. Upon notification from Missouri American Water Company that the fire hydrant(s) will be public hydrants, prepare the necessary hydrant resolution for the next meeting of the Board of Directors.

This policy replaces A10-02, date August 1, 2017

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A17-03
Category:	Administrative
Date:	August 1, 2017

Subject:	Inspection of Existing Buildings
Code:	<i>International Fire Code/2015</i>
Section:	

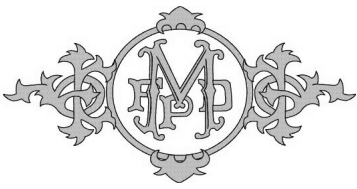
The following policy is offered in an effort to clarify an area of possible confusion as related to the handling of any type of follow-up inspection or other inspection of an existing building by the Fire Prevention Bureau.

Any inspection of an existing building by personnel from the Fire Prevention Bureau must be a complete inspection of the facility and must address the applicable aspects of the *International Fire Code/2015*. Specifically, it is our duty and responsibility to ensure that all provisions of the code including, but not limited to, Chapter 11, Construction Requirements for Existing Buildings, be applied when doing inspections of existing buildings.

This policy replaces A10-03, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A10-04
Category:	Administrative
Date:	November 1, 2010

Subject:	Plan Review
Code:	
Section:	

In order to expeditiously issue requested permits for construction within the District, the following guidelines shall be followed.

Commercial Tenant Finish

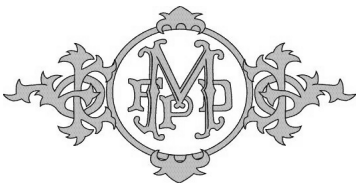
Plans should be reviewed within 10 working days after application. Permit should be issued within 5 working days after receipt of the County paperwork.

Commercial New Building

Plans should be reviewed within 15 working days after application. Permit should be issued within 5 working days after receipt of the County paperwork.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A10-05
Category:	Administrative
Date:	November 1, 2010

Subject:	Issuance of Replacement Permit Cards
Code:	
Section:	

Replacement Fire Prevention Building Permit cards will be issued as follows:

Applicant should bring their copy of the permit application to the office to verify that a permit has been issued. If they do not have their copy of the permit application, do a computer record check to make sure the permit has been issued and permit fee paid.

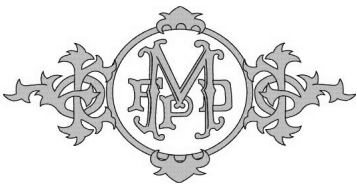
If permit has been properly obtained a duplicate card will be issued.

Mark "REPLACEMENT" on the signature side of the card.

After checking the corresponding inspection file, mark the dates for all inspections on the card along with the Inspector number that performed the inspections.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A17-06
Category:	Administrative
Date:	August 1, 2017

Subject:	Commercial Temporary Occupancy Permits
Code:	
Section:	

The initial TOP will be issued for a period of 3 months.

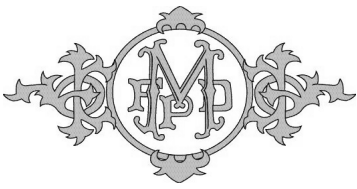
On "paper" extensions only, those done without the need for a field inspection, the fee shall be reduced from the standard \$125 to \$50. If the extension is for multiple months, the fee will be \$ 50 per month.

If a field inspection is necessary to extend the TOP, then the standard \$125 will apply.

This policy replaces A10-06, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	A10-07
Category:	Administrative
Date:	November 1, 2010

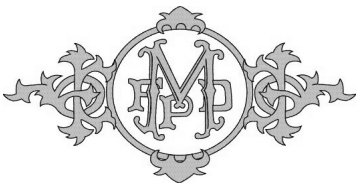
Subject:	Overtime Inspections
Code:	
Section:	

The “normal” inspection period for the Mehlville Fire Protection District is 8:00 am to 3:30 pm. Anyone with a situation requiring an inspection outside the “normal” hours, will reimburse the Mehlville Fire Protection District a fee of \$150.00. Said fees shall be paid **prior** to scheduling of the inspection. This fee is based roughly on the salary for an Inspector II for the minimum four (4) hours call-in time in the Memorandum of Understanding.

NOTE: This applies to construction permits. This does not apply to craft fairs, fireworks displays, etc.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-01
Category:	Technical
Date:	August 1, 2017

Subject:	Attic Scuttles in Residential Garages
Code:	<i>International Building Code/2015 and International Residential Code/2015</i>
Section:	1209.2 & R807.1

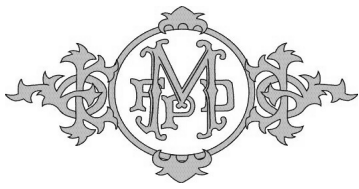
Due to the unsightly appearance of attic access panels, they are many times located in the garage of one and two family homes. After observing some fires which occurred within our District in which the attic access panel was supported by household trim strips, it has become apparent that this does not offer the desired level of fire protection. These panels have dropped out early in the fire and allowed fire extension into the attic area.

The intent of the type "X" drywall requirement is to provide a fire separation between the house and garage. For this reason we find it necessary to require any attic access panel which is located in the garage (a location inside the dwelling portion is preferred) to have the lid supported by a minimum of 2" (nominal) material, such as 2" X 4" frame instead of trim strip. Several other possibilities could exist and can be evaluated on an individual basis.

This policy replaces T10-01, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-02
Category:	Technical
Date:	August 1, 2017

Subject:	Door Holders in Rated Corridors within Educational Occupancies
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	1020.1

At the time of the Life Safety Analysis done at the Mehlville School District schools, it was allowed for the classroom doors which open into an exit access corridor, to be held open by mechanical means which do not automatically close upon activation of the fire alarm system. This was contingent upon:

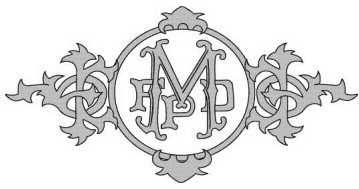
An automatic fire alarm system with smoke detectors 30 foot on centers in the exit access corridors, and a policy statement in place advising all teachers and administrative personnel that upon activation of the fire alarm and upon leaving the room, the door should be closed as they leave. Any unoccupied room is to have the door closed and locked.

In view of this previous decision and the relative merits as an equivalent solution, it will be Bureau policy to allow this solution to be used in other educational occupancies.

This policy replaces T10-02, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-03
Category:	Technical
Date:	August 1, 2017

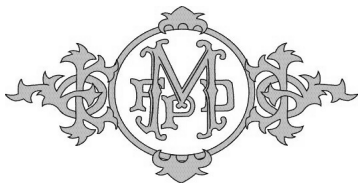
Subject:	Continuous Handrails in Residential Occupancies
Code:	<i>International Residential Code/2015</i>
Section:	R311.7.8.2

This policy is issued subsequent to the meeting held with the HBA by the Board of Directors on April 13, 1992, and further discussed on April 20, 1992.

The Board has determined that we should revert to dealing with continuous handrails in the same manner as was done prior to inclusion of specific language in the BOCA National Building Code/1990, and now the International Residential Code/2015. We will not enforce that aspect of the code. The Board did indicate that in unusual stair geometry's, such as winding stairs, the Inspector could use his/her best judgment in determining the adequacy of the handrail.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-04
Category:	Technical
Date:	August 1, 2017

Subject:	Insulation on Residential Furnace Refrigeration Suction Lines
Code:	<i>International Residential Code/2015</i>
Section:	Table G2427.10.5

Armorflex is the typical product used for the insulation of the refrigeration suction line on residential furnace/air conditioner installations. Armorflex has a Class A flame spread (0-25) and typically will not begin to be affected by temperature until it reaches a minimum of 220°F. A typical test of the flue pipe surface temperature and adjacent areas was run by Inter-City Products in their heating lab with the following results:

flue gas temperature	382°F
flue pipe surface	232°F
3" from flue pipe	151°F
1-3" from flue pipe	123°F
2-3" from flue pipe	108°F

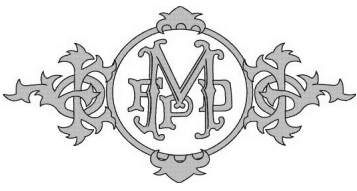
This indicates that with at least 3" of clearance, the normal temperature will not be anywhere near the maximum temperature for which Armorflex is listed for use.

After review of the information supplied by AGA, Armorflex, et. al., it will be the policy of this office to allow this material to be closer than the 6" minimum required by the listing on typical residential furnaces.

This policy replaces T10-04, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-05.1
Category:	Technical
Date:	August 1, 2017

Subject:	Fire Alarm System Final Inspections 1 of 2
Code:	International Building Code/2015 and International Fire Code/2015
Section:	907.2

PURPOSE:

To insure that fire alarm and detection systems are designed and installed in accordance with the provisions of the ICC International Building Code©/2015. Section 907.2 references NFPA 72-2016 for the installation requirements for these types of systems.

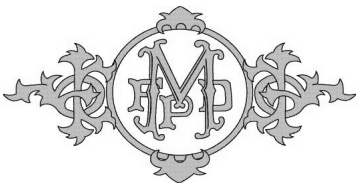
- 7.5.2 Before requesting final approval of the installation, if required by the authority having jurisdiction, the installing contractor shall furnish a written statement to the effect that the system has been installed in accordance with approved plans and tested in accordance with the manufacturer's specifications and the appropriate NFPA requirements.*
- 7.5.6.2 The record of completion documentation shall be completed by the installing contractor and submitted to the enforcing authority and the owner at the conclusion of the job. The record of completion documentation shall be permitted to be part of the written statement required in 7.5.2 and part of the documents that support the requirements of 7.5.8. When more than one contractor has been responsible for the installation, each contractor shall complete the portions of the documentation for which that contractor has responsibility.*

In addition, Section 907.6.6 of Ordinance No. 129 and 130 requires that all fire alarm systems shall be issued either a UL Certificate (UUFX) or FM Placard.

This policy replaces T10-05.1, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-05.2
Category:	Technical
Date:	August 1, 2017

Subject:	Fire Alarm System Final Inspections 2 of 2
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	907.2

POLICY:

The following items shall be on site at the time of request for fire department final inspection:

1. An accurate as-built set of plans
2. The fire alarm system record of completion form
3. MFPD fire prevention building permit
 - a. Approved plans
 - b. Permit card

NOTE: The Fire Inspector can refuse to conduct the final acceptance test of the fire alarm system if the above information is not on site at the time of the final inspection. The fire alarm system installation contractor shall conduct a 100% pretest of the fire alarm system in accordance with Chapter 14 of NFPA 72-2016. If any deficiencies are noted, they must be repaired prior to requesting the final fire alarm inspection (acceptance test).

Since the testing required to complete the record of completion tests the smoke detectors for smoke entry and sensitivity, the fire district acceptance test may utilize a magnet to “trip” the detector. The fire district acceptance test will verify device addresses and location descriptions.

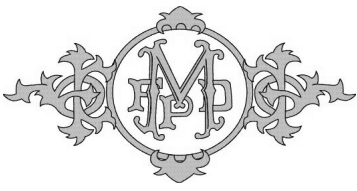
NOTE: If during the fire district witnessed test, 3 deficiencies are noted, the Fire Inspector can conclude the test. A reinspection will be required and the applicable reinspection fee shall be paid prior to rescheduling of the final inspection.

The Fire Inspector shall not sign the record of completion document. If Underwriters Laboratories (UL) or Factory Mutual (FM) require a signature from the authority having jurisdiction, a copy of the signed fire alarm permit card will be provided.

This policy replaces T10-05.2, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-06
Category:	Technical
Date:	August 1, 2017

Subject:	Hazardous Materials Permit Submittals
Code:	<i>International Fire Code/2015</i>
Section:	5001.5.2

Applicants for fire prevention building permits or reoccupancy permits for Group F, H, M or S occupancies shall submit a Hazardous Materials Inventory Statement (HMIS) and HMIS Inventory Report to determine compliance with the *International Fire Code/2015*. One acceptable format may be found in Appendix H and available for download from our website: www.mehlvillefire.com. MSDS shall be provided for each product identified in the HMIS Inventory Report. MSDS shall be submitted in electronic format as a pdf document.

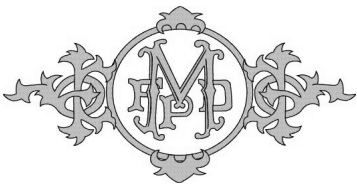
A Hazardous Materials Management Plan (HMMP) or other approved plan that includes:

1. Site plan
2. Floor plan
3. Information on hazardous material handling and chemical compatibility
4. Monitoring methods
5. Security precaution
6. Hazard labeling
7. Inspection procedures
8. Employee training
9. Available emergency equipment

This policy replaces T10-06, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-07
Category:	Technical
Date:	August 1, 2017

Subject:	Fire Alarm System Permitting
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	907.6.6

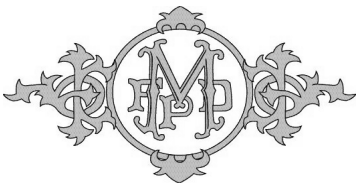
Section 907.6.6 of Ordinance No. 129 and 130 requires that all fire alarm systems shall be issued either a UL Certificate (UUFx) or FM Placard.

At the time of application for the fire prevention building permit for the building/tenant space, the owner or owner's agent will be given the "Owner's Declaration of Fire Alarm Certifying (UL) or Placarding (FM) Company" form. This form shall be completed and returned to the plan reviewer **prior** to the issuance of the fire prevention building permit.

This policy replaces T10-07, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-08
Category:	Technical
Date:	August 1, 2017

Subject:	Water Supply for Standpipes in Sprinklered Buildings
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	905.3.1

Section 905.3.1 states (I did not cite the exceptions that don't apply):

[F] 905.3.1 Height. Class III standpipe systems shall be installed through out buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access.

Exceptions:

1. Class I standpipes are allowed in buildings equipped through out with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2.

Section 903.3.1.1 is a reference to NFPA 13 and Section 903.3.1.2 is a reference to NFPA 13R.

We then need to move to NFPA 14 Section 5.4.1.1 which states:

5.4.1.1 Class I standpipe systems in buildings not classified as high-rise buildings shall be permitted to be manual, automatic, or semiautomatic.

Since our discussion was based on a mid-rise building, an automatic water supply is allowed.

Finally, we must review Section 7.7.3 which states:

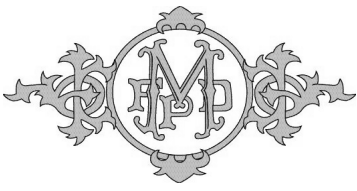
7.7.3 Where a manual system is permitted by Section 5.4 and an attached water supply is provided to supply an automatic sprinkler system or to maintain water in a wet system, the attached water supply shall not be required to satisfy the standpipe system demand.

Although it is a rather convoluted path to get to the answer, the fact is that a fully sprinklered (in accordance with NFPA 13 or 13R) building that is required to have a standpipe AND is not a high-rise building, would be required to have an automatic water supply capable of supplying the automatic sprinkler demand only.

This policy replaces T10-08, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-09
Category:	Technical
Date:	August 1, 2017

Subject:	Fire Alarm Certificating/Placarding Documentation
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	907.6.6

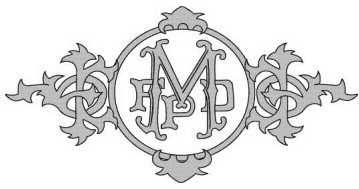
Section 907.6.6 of Ordinance No. 129 and 130 requires that all fire alarm systems shall be issued either a UL Certificate (UUFx) or FM Placard.

Generally it is not possible to have the Certificate or Placard issued and available at the time of issuance of the Certificate of Occupancy (CO) or Temporary Certificate of Occupancy (TCO). If the **ONLY** item that is incomplete is receipt of the Certificate or Placard, a Type 349 – Commercial TOP - FA documentation, will be issued for a period of 30 days to allow the owner to obtain the required Certificate/Placard. A Type 349 permit is available at no charge. If there are other outstanding items to complete, a Type 340 permit is required with the corresponding permit fee.

This policy replaces T10-09, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-10
Category:	Technical
Date:	August 1, 2017

Subject:	Fire Alarm Documents
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	907.7.3

907.7.3 Instructions. Operating, testing and maintenance instructions and record drawings ("as built") and equipment specifications shall be provided at an *approved* location.

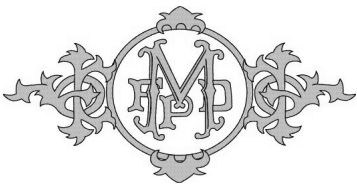
In order to clarify and standardize the application of this section the following policy shall apply.

All items required by 907.8.3 and Section 10.18.2 of NFPA 72-2016, shall be kept in a locked cabinet marked "Fire Alarm Documents" in the fire command center or room where the fire alarm control unit is located. The key for the cabinet shall be placed in the building KnoxBox.

This policy replaces T10-010, date November 1, 2010

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

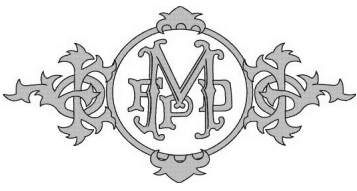
Policy Number:	T17-11
Category:	Technical
Date:	August 1, 2017

Subject:	Exterior audible/visual for sprinkler systems
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	903.4.2

Delete Policy T10-11, date November 1, 2010. Now covered in Ordinance 129 & Ordinance 130 in Section 903.4.2.1

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-12
Category:	Technical
Date:	August 1, 2017

Subject:	Fire Alarm Certificating/Placarding – Existing Systems
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	907.6.6

907.6.6 Monitoring. All fire alarm systems shall be monitored by an approved central station as defined in NFPA 72. A UL Certificate (UULFX) or FM Placard, in accordance with the NFPA 72 Chapter 8, shall be issued by the UL Listed or FM approved prime contractor for all newly installed required fire alarm systems. This regulation shall apply to all new required fire alarm systems. An existing required fire alarm system wherein the fire alarm control unit or alarm components are to be replaced shall be considered new for the purposes of this section. Central station service in full compliance with NFPA 72 Chapter 8 shall be maintained at the protected property, so long as the requirement for the fire alarm system exists.

Exception. Monitoring by an approved central station is not required for:

1. Single- and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies.
3. Automatic sprinkler systems in one- and two-family dwellings.

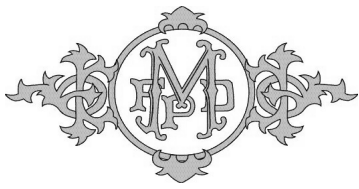
In order to clarify and standardize the application of this section the following policy shall apply.

With regard to existing fire alarm systems, the certificating/placarding requirement shall apply when the fire alarm control unit is replaced. While it is possible to certificate/placard portions of existing fire alarm systems when new alarm devices and/or notification devices are installed; such efforts will have a high cost-to-benefit ratio and will achieve only a limited benefit. A major renovation of a portion of a building, such as an entire floor of a building could require certification/placarding for that portion of the building. Each instance will be evaluated on a case-by-case basis.

This policy replaces T11-12, date April 7, 2011

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T17-13
Category:	Technical
Date:	August 1, 2017

Subject:	HVLS fans/sprinkler protection
Code:	<i>International Building Code/2015 and International Fire Code/2015</i>
Section:	903.3.1

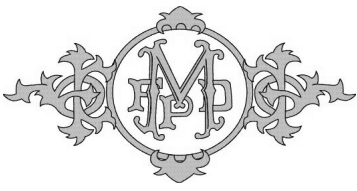
High Volume Low Speed (HVLS) Fans (11.1.7). Information was added to NFPA 13-2013 to allow HVLS fans to be installed in sprinklered buildings. Significant research was conducted to minimize the effect that these fans would have on sprinkler performance. The same rules apply to the installation of HVLS fans with all sprinklers including ESFR as follows:

1. The maximum fan diameter is 24 ft.
2. The fans need to be centered between four sprinklers
3. There needs to be 36 inches of vertical clearance between the sprinkler deflectors and the fan
4. The fan shall be shut down upon waterflow alarm in accordance with NFPA 72 (90 seconds)

This policy replaces T13-13, date February 26, 2013

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T20-01
Category:	Technical
Date:	January 29, 2020

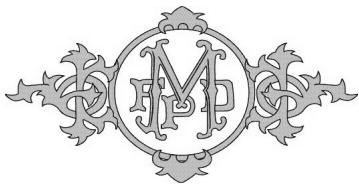
Subject:	Grass pavers for fire apparatus access roads
Code:	<i>International Fire Code/2015</i>
Section:	503.2.3

Approved grass pavers shall be allowed within the following guidelines.

1. Designed to support vehicles with a GVW of a minimum of 80,000 pounds.
2. Limits of the grass paver access road shall be clearly delineated.
3. Snow removal is required just as if the access roadway was paved.
4. Before placement of pavers & grass, MFPD shall be notified so that we can verify that the access roadway has been properly constructed to support either our aerial apparatus or pumper.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T20-02
Category:	Technical
Date:	September 2, 2020

Subject:	Special Inspections/labeling firestop systems
Code:	<i>International Building Code/2015</i>
Section:	1705.17 & 703.7.1

Special Inspections

If special inspections for fire-resistant penetrations, membrane penetrations or fire-resistant joint systems are required by section 1705.17 the qualifications of the inspecting agency shall submit the documentation required by 1703.1.1 and 1704.2.1 for review not less than sixty (60) days prior to the start of installation of the systems. Inspections & reporting shall be in accordance with ASTM E2174 or E2393 as appropriate.

Deferred submittal of the UL systems for all fire-resistant penetrations, membrane penetrations or fire-resistant joint systems shall be submitted for review not less than thirty (30) days prior to the start of installation of the systems. Once approved a copy shall be available on-site when inspections are conducted.

Contractors are **strongly** encouraged to construct mock-ups for each different firestop system. We will verify the mock-ups against the approved systems prior to the start of installation. Mockups shall be retained and maintained during construction.

Labeling

We have adopted the following marking system for penetrations and joints

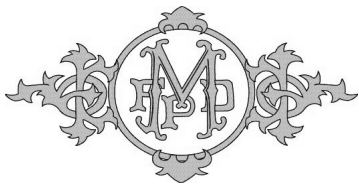
703.7.1 Penetrations and joints marking system. The marking system shall be located within 2 inches (50 mm) of the through penetration firestop system. For fire-resistant joint systems, the marking system shall be located within 15 feet (4570 mm) of the end of each wall or floor and at intervals not exceeding 30 feet (9144 mm) measured horizontally along the wall or partition.

The marking system shall be legible and contain, at a minimum, the following information:

1. Do Not Disturb - Firestop System or Fire-Resistant Joint System as appropriate
2. Contractor's name, address and phone number
3. System Design Number or Engineering Judgement Number
4. Date of installation
5. Manufacturer's name for firestop materials

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T22-01
Category:	Technical
Date:	April 6, 2022

Subject:	Electric Vehicle (EV) Charging Stations
Code:	<i>International Fire Code/2015</i>
Section:	various

Since the 2015 editions of the I-Codes do not address electric vehicle (EV) charging stations, the following rules are hereby promulgated.

Permits. Permits are required for the installation. MFPD permit type – 49 - EV Charging Station

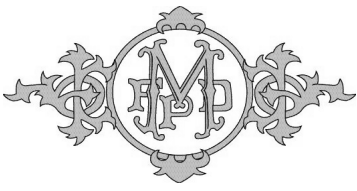
Electric vehicle charging stations and systems. Where provided, electric vehicle charging systems shall be installed in accordance with NFPA 70. Electric vehicle charging system equipment shall be listed and labeled in accordance with UL 2202. Electric vehicle supply equipment shall be listed and labeled in accordance with UL 2594.

Emergency disconnect switches. An approved, clearly identified and readily accessible emergency disconnect switch shall be provided at an approved location to disconnect power to the EV charging stations of an emergency. The emergency disconnect switch for exterior EV charging stations shall be located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from, the charging stations. For interior EV charging stations, the emergency disconnect switch shall be installed at an approved location. Such devices shall be distinctly labeled as: EMERGENCY POWER SHUTOFF. Signs shall be provided in approved locations.

Physical protection. Guard posts complying with Section 312 or other approved means shall be provided to protect EV charging stations against impact by a motor vehicle.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T23-01
Category:	Technical
Date:	May 23, 2023

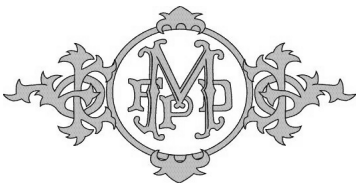
Subject:	Fire Alarm Permit Documents
Code:	<i>International Fire Code/2021</i>
Section:	907.1.1

Shop drawings for fire alarm systems shall be submitted for review and approval prior to system installation, and shall include, but not be limited to, all the following where applicable to the system being installed:

1. A floor plan that indicates the use of all rooms.
2. Locations of alarm-initiating devices.
3. Locations of alarm notification appliances, including candela ratings for visible alarm notification appliances.
4. Design minimum audibility level for occupant notification.
5. Location of fire alarm control unit, transponders, and notification power supplies.
6. Annunciators.
7. Power connection.
8. Battery calculations.
9. Conductor type and sizes.
10. Voltage drop calculations.
11. Manufacturers' data sheets indicating model numbers and listing information for equipment, devices, and materials.
12. Details of ceiling height and construction.
13. The interface of fire safety control functions.
14. Classification of the supervising station.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal



MEHLVILLE FIRE PROTECTION DISTRICT FIRE PREVENTION BUREAU

Policy Number:	T23-02
Category:	Technical
Date:	June 21, 2023

Subject:	Distance measurement to fire hydrants
Code:	<i>International Fire Code/2021 International Building Code/2021</i>
Section:	IFC 918; IBC 919

Section 507.5.1 of the *International Fire Code/2021* shall be the criteria for how measurement from a hydrant to a fire department connection or portion of a building is made.

507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet (122 m) from a hydrant on a fire apparatus access road, as measured by an *approved* route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the *fire code official*.

To further clarify, the measurement is made as we would lay hose with a fire apparatus.

Edwin M Berkel

Edwin M Berkel, CFI
Fire Marshal