



Office of the Fire Marshal

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**COURAGE
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**EUGENE SPRINGFIELD FIRE MARSHAL'S OFFICE 2022 OREGON FIRE CODE MODIFICATIONS AS
AMENDED BY THE CITIES OF EUGENE AND SPRINGFIELD
EFFECTIVE DATE: AUGUST 1, 2023.**

Code Section	Type of Modification	City of Eugene Modification	City of Springfield Modification
101.1	Amended	Title. These regulations shall be known as the Eugene Fire Code, hereinafter referred to as "this code".	Title. These regulations adopted in OAR 837-040-0010 shall be known as the Springfield Fire Code, hereinafter referred to as "this code."
101.2.1	Amended	Appendices. Provisions in the appendices shall not apply unless specifically adopted. The provisions of the following appendices are adopted as part of this code: B, C, D, H, I, L, N, Q, R, S and T.	Appendices. Provisions in the appendices shall not apply unless specifically adopted. The provisions of the following appendices are adopted as part of this code: B, C, D, H, I, L, N, Q, R, S, and T.
102.3.1	Added	Change of use or occupancy, notification. The responsible person shall forward a notification of the change in occupancy to the Eugene Springfield Fire Marshal's Office in order to update fire department records within 30 days of the change. Exception: This requirement does not apply to Group R and U occupancies.	Change of use or occupancy, notification. The responsible party shall forward a notification of the change in occupancy to the Eugene Springfield Fire Marshal's Office to update fire department records within 30 days of the change. Exception: This requirement does not apply to Group R and U occupancies.
102.9	Amended	Matters not provided for. Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, that are not specifically provided for by this code, shall be determined by the fire code official. See Section 105.5.	Matters not provided for. Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, that are not specifically provided for by this code, shall be determined by the fire code official. See Section 105.5.
105.1.3	Amended	Multiple permits for the same location. Where three operational permits are required for the same location, the applicant will not be charged for each individual permit but instead will pay the highest single fee among the three operational permits according to the adopted fee schedule. Any additional operational permits required beyond the first three will be obtained by the applicant and individually charged according to the established fee schedule. Should a location require six or more operational permits, each set of three operational permits (six, nine, twelve, etc.) will be charged according to the highest single fee amount among the three operational permits. Operational permits beyond those groups of three will be charged individually. This system is intended to ensure that businesses do not face excessive fees for multiple permits required for the same location.	Multiple permits for the same location. Where three operational permits are required for the same location, the applicant will not be charged for each individual permit but instead will pay the highest single fee among the three operational permits according to the adopted fee schedule. Any additional operational permits required beyond the first three will be obtained by the applicant and individually charged according to the established fee schedule. Should a location require six or more operational permits, each set of three operational permits (six, nine, twelve, etc.) will be charged according to the highest single fee amount among the three operational permits. Operational permits beyond those groups of three will be charged individually. This system is intended to ensure that businesses do not face excessive fees for multiple permits required for the same location.

105.5	Amended	Required operational permits. In addition to any permits required by law or administrative regulation from the State of Oregon Fire Marshal, permits shall be obtained from the Eugene Springfield Fire Marshal's Office prior to engaging in the following activities and operations as set forth in Sections 105.5 through 105.5.56.	Required operational permits. In addition to any permits required by law or administrative regulation from the State of Oregon Fire Marshal, permits shall be obtained from the Eugene Springfield Fire Marshal's Office prior to engaging in the following activities and operations as set forth in Sections 105.5 through 105.5.56.
105.5A	Deleted	Fireworks Animal Control Deleted in COE.	Prescriptive OFC Applies in COS.
105.5B	Amended	Fireworks, public display of. An operational permit for the public display of fireworks is required under ORS 480.130 to conduct a public display of fireworks. Applicants should refer to subsections 105.5B.1 through 105.5B.3 of the Eugene Fire Code to determine the type of operational permit necessary. Applicants seeking an operational permit to conduct a "general" display of fireworks, as defined in section 105.5B.3, outside of the date period of July third (3) through July fifth (5), must obtain prior approval from the Eugene City Manager's Office through the Eugene Springfield Fire Marshal's Office. Along with the operational permit application, a site plan, documentation of City Manager's approval, and any additional information required by Chapter 56 of the Eugene Fire Code and the 2018 edition of NFPA 1123 Code for Firework Displays must be submitted. Applications must be reviewed and approved by the Eugene Springfield Fire Marshal's Office 60 days in advance of any "general" display of fireworks.	Fireworks, public display of. An operational permit for the public display of fireworks is required under ORS 480.130 to conduct a public display of fireworks. Applicants should refer to subsections 105.5B.1 through 105.5B.3 of the Springfield Fire Code to determine the type of operational permit necessary. Applicants seeking an operational permit to conduct a "general" display of fireworks, as defined in section 105.5B.3, may be required to obtain written approval from the Springfield City Manager's Office as determined by the Fire Code Official. Along with the operational permit application, a site plan, documentation of City Manager's approval, and any additional information required by Chapter 56 of the Eugene Fire Code and the 2018 edition of NFPA 1123 Code for Firework Displays must be submitted. Applications must be reviewed by the Eugene Springfield Fire Marshal's Office 60 days in advance of any general firework displays.
105.5B.1	Added	Fireworks, special effects display. An operational permit is required for special effects firework displays as defined in ORS 480.111 that include articles containing pyrotechnic composition that are manufactured, assembled, designed, or discharged in connection with television, theater or motion picture productions, concerts, or conference centers; or used for commercial, industrial, educational, recreational or entertainment purposes.	Fireworks, special effects display. An operational permit is required for special effects firework displays as defined in ORS 480.111 that include articles containing pyrotechnic composition that are manufactured, assembled, designed, or discharged in connection with television, theater or motion picture productions, concerts, or conference centers; or used for commercial, industrial, educational, recreational or entertainment purposes.

105.5B.2	Added	Fireworks, limited display. An operational permit is required for limited firework displays as defined in OAR 837-012-0720 that include displays held outdoors limited to 1.4G fireworks labeled UN0336. Fireworks authorized by the limited permit are subject to limitation by the local fire authority and the Office of State Fire Marshal.	Fireworks, limited display. An operational permit is required for limited firework displays as defined in OAR 837-012-0720 that include displays held outdoors limited to 1.4G fireworks labeled UN0336. Fireworks authorized by the limited permit are subject to limitation by the local fire authority and the Office of State Fire Marshal.
105.5B.3	Added	Fireworks, general display. An operational permit is required for general fireworks displays as defined in OAR 837-012-0720 that includes displays held outdoors, utilizing 1.3g fireworks and may include 1.4g fireworks and special effects fireworks and may only be conducted by a general display operator.	Fireworks, general display. An operational permit is required for general fireworks displays as defined in OAR 837-012-0720 that includes displays held outdoors, utilizing 1.3g fireworks and may include 1.4g fireworks and special effects fireworks and may only be conducted by a general display operator.
105.5C	Deleted	Fireworks Retail Sales Deleted in COE.	Prescriptive OFC Applies in COS.
105.5D	Deleted	Fireworks Wholesale Deleted in COE.	Prescriptive OFC Applies in COS.
105.5.3	Amended	Amusement buildings. An operational permit is required to operate special amusement buildings, such as haunted houses and similar temporary installations. See Appendix Q.	Amusement Buildings. An operational permit is required to operate special amusement buildings, such as haunted houses and similar temporary installations. See Appendix Q.
105.5.17	Deleted	Fire Hydrants and Valves Deleted in COE	Fire Hydrants and Valves Deleted in COS.
105.5.19	Deleted	Floor Finishing Deleted in COE.	Floor Finishing Deleted in COS.
105.5.22	Amended	Hazardous materials. An operational permit is required to store, transport on site, dispense, use, or handle hazardous materials in excess of the amounts listed in Table 105.5.22. Refer to sub-sections 105.5.22.1 through 105.5.22.6 to determine which permit type is applicable, based on the applicant's number of materials reported.	Hazardous materials. An operational permit is required to store, transport on site, dispense, use, or handle hazardous materials in excess of the amounts listed in Table 105.5.22. Refer to sub-sections 105.5.22.1 through 105.5.22.6 to determine which permit type is applicable, based on the applicant's number of materials reported.
105.5.22.1	Added	Hazardous materials, 1 to 4 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle one (1) to four (4) hazardous materials in excess of the amounts listed in Table 105.5.22.	Hazardous materials, 1 to 4 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle one (1) to four (4) hazardous materials in excess of the amounts listed in Table 105.5.22.
105.5.22.2	Added	Hazardous materials, 5 to 10 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle five (5) to ten (10) hazardous materials in excess of the amounts listed in Table 105.5.22.	Hazardous materials, 5 to 10 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle five (5) to ten (10) hazardous materials in excess of the amounts listed in Table 105.5.22.

105.5.22.3	Added	Hazardous materials, 11 to 20 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle eleven (11) to twenty (20) hazardous materials in excess of the amounts listed in Table 105.5.22.	Hazardous materials, 11 to 20 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle eleven (11) to twenty (20) hazardous materials in excess of the amounts listed in Table 105.5.22.
105.5.22.4	Added	Hazardous materials, 21 to 30 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle twenty-one (21) to thirty (30) hazardous materials in excess of the amounts listed in Table 105.5.22.	Hazardous materials, 21 to 30 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle twenty-one (21) to thirty (30) hazardous materials in excess of the amounts listed in Table 105.5.22.
105.5.22.5	Added	Hazardous materials, 31 to 50 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle thirty-one (31) to fifty (50) hazardous materials in excess of the amounts listed in Table 105.5.22.	Hazardous materials, 31 to 50 materials reported. An operational permit is required to store, transport on site, dispense, use, or handle thirty-one (31) to fifty (50) hazardous materials in excess of the amounts listed in Table 105.5.22.
105.5.22.6	Added	Hazardous materials, 50 or more materials reported. An operational permit is required to store, transport on site, dispense, use, or handle fifty (50) or more hazardous materials in excess of the amounts listed in Table 105.5.22.	Hazardous materials, 50 or more materials reported. An operational permit is required to store, transport on site, dispense, use, or handle fifty (50) or more hazardous materials in excess of the amounts listed in Table 105.5.22.
105.5.33	Deleted	Motor Fuel Dispensing Facilities Deleted in COE.	Motor Fuel Dispensing Facilities Deleted in COS.
105.5.41	Deleted	Private Fire Hydrants Deleted in COE.	Private Fire Hydrants Deleted in COS.
105.5.44	Deleted	Refrigeration Equipment Deleted in COE.	Refrigeration Equipment Deleted in COS.
105.5.51	Deleted	Waste Handling Deleted in COE.	Waste Handling Deleted in COS.
105.5.52	Deleted	Wood Products Deleted in the COE.	Wood Products Deleted in the COS.
105.5.53	Added	Unique conditions. An operational permit is required for an existing or proposed activity, building or structure, or for the safety of the occupants thereof which is not specifically provided for by this code as determined by the fire code official as referenced in Section 102.9.	Unique conditions. An operational permit is required for an existing or proposed activity, building or structure, or for the safety of the occupants thereof which is not specifically provided for by this code as determined by the fire code official as referenced in Section 102.9.
105.5.54	Added	Fire Art Performances. An operational permit is required to conduct a fire art performance in a public or private location.	Fire Art Performances. An operational permit is required to conduct a fire art performance in a public or private location.
105.5.55	Added	Vacant or Abandoned Premises, Building, or Structure Survey. An operational permit is required for the Fire Marshal's Office to conduct a survey of vacant or abandoned premises, buildings, or structures to determine if the property poses a clear and inimical threat to human life, safety, or health.	Vacant or Abandoned Premises, Building, or Structure Survey. An operational permit is required for the Fire Marshal's Office to conduct a survey of vacant or abandoned premises, buildings, or structures to determine if the property poses a clear and inimical threat to human life, safety, or health.

105.5.56	Added	Places of temporary assembly. An operational permit is required to allow temporary assembly occupancy in a space not normally utilized as an assembly occupancy. This permit is required when the space to be utilized has not been previously classified as or approved for Assembly use by the Building Official. This permit is not intended to substitute for compliance with code requirements for an Assembly occupancy. The issuance of a places of temporary assembly operational permit is at the sole discretion of the Fire Code Official and may include additional safeguards.	Places of temporary assembly. An operational permit is required to allow temporary assembly occupancy in a space not normally utilized as an assembly occupancy. This permit is required when the space to be utilized has not been previously classified as or approved for Assembly use by the Building Official. This permit is not intended to substitute for compliance with code requirements for an Assembly occupancy. The issuance of a places of temporary assembly operational permit is at the sole discretion of the Fire Code Official and may include additional safeguards.
107.2	Amended	Schedule of permit fees. Except as provided in section 105.1.3, a fee for each permit shall be paid as required, in accordance with the applicable fee schedule established by the City Manager pursuant to Section 2.020 of the Eugene Code, 1971.	Prescriptive OFC Applies in the COS.
109.1.1	Added	Access to safeguards. Any device, equipment, system, condition, arrangement, level of protection, or any other feature required for compliance with the provisions of this code, or otherwise installed, shall be accessible and unobstructed.	Access to safeguards. Any device, equipment, system, condition, arrangement, level of protection, or any other feature required for compliance with the provisions of this code, or otherwise installed, shall be accessible and unobstructed.
111.1	Amended	Appeals. Any person aggrieved by an action taken pursuant to this code may appeal the action within the time and in the manner provided in section 2.021 of the Eugene Code, 1971.	Section 111 of the OFC Deleted in the COS.
111.2	Deleted	Limitations on Authority Deleted in the COE.	Section 111 of the OFC Deleted in the COS.
111.3	Deleted	Qualifications Deleted in the COE.	Section 111 of the OFC Deleted in the COS.
111.4	Deleted	Administration Deleted in the COE.	Section 111 of the OFC Deleted in the COS.
202	Added	ABANDONED PROPERTY: Premises, buildings, or structures where there is no visible or definitive owner/landlord, or one that cannot clearly be identified or contacted.	ABANDONED PROPERTY: Premises, buildings, or structures where there is no visible or definitive owner/landlord, or one that cannot clearly be identified or contacted.
202	Added	CARNIVAL. A mobile enterprise principally devoted to offering amusement or entertainment to the public in, upon or by means of portable amusement rides or devices or temporary structures in any number or combination, whether or not associated with other structures or forms of public attraction.	CARNIVAL. A mobile enterprise principally devoted to offering amusement or entertainment to the public in, upon or by means of portable amusement rides or devices or temporary structures in any number or combination, whether or not associated with other structures or forms of public attraction.
202	Added	EUGENE CODE (EC). The Eugene Code, 1971.	SPRINGFIELD MUNICIPAL CODE (SMC). The general and permanent law of the City of Springfield.

202	Amended	FIRE CODE OFFICIAL. The Eugene Springfield Fire Marshal, or duly authorized representative, is designated as the approved authority for exercising functions relating to fire prevention, fire safety measures and the administration and enforcement of this code.	FIRE CODE OFFICIAL. The Eugene Springfield Fire Marshal, or duly authorized representative, is designated as the approved authority for exercising functions relating to fire prevention, fire safety measures and the administration and enforcement of this code.
202	Amended	FIRE ART PERFORMANCE. Any act of fire juggling, fire eating, flame effects, etc. that utilizes fire for entertainment purposes, conducted in an outdoor public or private place (other than inside a private residence) outside of a protective housing or in ways in which it travels through the air by one person or between multiple persons.	FIRE ART PERFORMANCE. Any act of fire juggling, fire eating, flame effects, etc. that utilizes fire for entertainment purposes, conducted in an outdoor public or private place (other than inside a private residence) outside of a protective housing or in ways in which it travels through the air by one person or between multiple persons.
202	Added	KEYHOLDER: A person or agency who has been designated as the responsible party and after hours point of contact to provide access to all areas of a property, building, or structure. Keyholders must possess the keys, key cards, door codes, alarm codes, and the requisite knowledge necessary to provide first responders the access and ability to mitigate any emergency.	KEYHOLDER: A person or agency who has been designated as the responsible party and after hours point of contact to provide access to all areas of a property, building, or structure. Keyholders must possess the keys, key cards, door codes, alarm codes, and the requisite knowledge necessary to provide first responders the access and ability to mitigate any emergency.
202	Amended	OPEN BURNING. The burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber or as regulated by Lane Regional Pollution Authority and Section 6.200 of Eugene Code, 1971. Open burning does not include road flares, smudge pots and similar devices associated with safety or occupational uses typically considered open flames or recreational fires. For the purpose of this definition, a chamber shall be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues, or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.	OPEN BURNING: The burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber or as regulated by Lane Regional Pollution Authority and Springfield Municipal Code section 5.292. Open burning does not include road flares, smudge pots and similar devices associated with safety or occupational uses typically considered open flames or recreational fires. For the purpose of this definition, a chamber shall be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues, or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.
202	Added	PRE-INCIDENT PLAN. A document developed by gathering general and detailed data to be used by responding personnel in effectively managing emergencies for the protection of occupants, participants, responding personnel, property, and the environment.	PRE-INCIDENT PLAN. A document developed by gathering general and detailed data to be used by responding personnel in effectively managing emergencies for the protection of occupants, participants, responding personnel, property, and the environment.

202	Amended	RECREATIONAL FIRE. A small fire with a total fuel area no larger than 3 feet in diameter and 2 feet in height, limited to cooking fires, campfires, and fires lit in Chimineas, patio fireplaces, fire pits, or other similar appliances using charcoal, natural gas, propane, manufactured fire logs, or clean dry natural firewood as fuel, and which occurs in designated areas on public lands or on private property, and not used as a means of disposal for waste materials, including woody yard trimmings, leaves, and grass clippings.	RECREATIONAL FIRE. A small fire with a total fuel area no larger than 3 feet in diameter and 2 feet in height, limited to cooking fires, campfires, and fires lit in Chimineas, patio fireplaces, fire pits, or other similar appliances using charcoal, natural gas, propane, manufactured fire logs, or clean dry natural firewood as fuel, and which occurs in designated areas on public lands or on private property, and not used as a means of disposal for waste materials, including woody yard trimmings, leaves, and grass clippings.
202	Added	RED FLAG CRITERIA: Red Flag Criteria occurs whenever a geographical area has been in a dry spell for one to two weeks, or for a shorter period, if before spring green-up or after fall color, and the National Fire Danger Rating System (NFDRS) is high to extreme and the following forecast weather parameters are forecasted to be met: 1) a sustained wind average 15 mph or greater 2) relative humidity less than or equal to 25 percent and 3) a temperature of greater than 75 degrees F. In some states, dry lightning and unstable air are criteria. A Fire Weather Watch may be issued prior to the Red Flag Warning.	RED FLAG CRITERIA: Red Flag Criteria occurs whenever a geographical area has been in a dry spell for one to two weeks, or for a shorter period, if before spring green-up or after fall color, and the National Fire Danger Rating System (NFDRS) is high to extreme and the following forecast weather parameters are forecasted to be met: 1) a sustained wind average 15 mph or greater 2) relative humidity less than or equal to 25 percent and 3) a temperature of greater than 75 degrees F. In some states, dry lightning and unstable air are criteria. A Fire Weather Watch may be issued prior to the Red Flag Warning.
202	Added	RED FLAG WARNING. A term used by fire-weather forecasters to call attention to limited weather conditions of particular importance that may result in extreme burning conditions. Red flag warnings are issued for ongoing events, or when the fire weather forecaster has a high degree of confidence that Red Flag criteria will occur within 24 hours of issuance.	RED FLAG WARNING. A term used by fire-weather forecasters to call attention to limited weather conditions of particular importance that may result in extreme burning conditions. Red flag warnings are issued for ongoing events, or when the fire weather forecaster has a high degree of confidence that Red Flag criteria will occur within 24 hours of issuance.
202	Added	TRANSITIONAL PROPERTY: Premises, buildings, or structures that are uninhabited while in the process of a change in ownership; for example, the sale and transfer of ownership of a single-family residential dwelling.	TRANSITIONAL PROPERTY: Premises, buildings, or structures that are uninhabited while in the process of a change in ownership; for example, the sale and transfer of ownership of a single-family residential dwelling.
202	Added	VACANT PROPERTY: Premises, buildings or structures that may be empty or unoccupied, but there exists an owner with an expressed interest in the property.	VACANT PROPERTY: Premises, buildings or structures that may be empty or unoccupied, but there exists an owner with an expressed interest in the property.

305.4.1	Added	Extreme burning conditions. Use of open flames or other sources of ignition that could ignite vegetation or combustible material during a Red Flag Warning is prohibited and is considered an emergency requiring immediate abatement.	Extreme burning conditions. Use of open flames or other sources of ignition that could ignite vegetation or combustible material during a Red Flag Warning is prohibited and is considered an emergency requiring immediate abatement.
308.2	Amended	Permits required. Permits shall be obtained from the fire code official in accordance with Section 105.5 prior to engaging in the following activities involving open flame, fire and burning: 1. Use of a torch or flame-producing device to remove paint from a structure. 2. Use of open flame, fire or burning in connection with Group A or E occupancies. 3. Use or operation of torches and other devices, machines or processes liable to start or cause fire in or on wildfire risk areas. 4. Fire art performances.	Permits required. Permits shall be obtained from the fire code official in accordance with Section 105.5 prior to engaging in the following activities involving open flame, fire and burning: 1. Use of a torch or flame-producing device to remove paint from a structure. 2. Use of open flame, fire or burning in connection with Group A or E occupancies. 3. Use or operation of torches and other devices, machines or processes liable to start or cause fire in or on wildfire risk areas. 4. Fire art performances.
311.5	Amended	Placards. Any vacant or abandoned premises, buildings, or structures determined to be unsafe pursuant to section 114 of this code relating to structural or interior hazards shall be placarded as required by Sections 311.5.1 through 311.5.5 of this code and any applicable policies, ordinances, or administrative orders of the City of Eugene.	Placards. Any vacant or abandoned premises, buildings, or structures determined to be unsafe pursuant to section 114 of this code relating to structural or interior hazards shall be placarded as required by Sections 311.5.1 through 311.5.5 of this code and any applicable policies, ordinances, or administrative orders of the City of Springfield.

311.5.2	Amended	Placard size and color. The size and color of placards used to identify the status of commercial premises, buildings, or structures in the City of Eugene shall be as follows: 1. UNSAFE or “U” placards shall be 24” x 24” square (23.875” X 23.875” nominal), with red background and a 2” wide white reflective border. The white reflective letter “U” will measure 15” x 15” with a 3” minimum stroke width. The letter shall be arial font or similar. 2. CAUTION or “C” placards shall be 24” x 24” square (23.875” X 23.875” nominal), with orange background and a 2” wide white reflective border. The white reflective letter “C” will measure 15” x 15” with a 3” minimum stroke width. The letter shall be arial font or similar. 3. SAFE or “S” placards shall be 24” x 24” square (23.875” X 23.875” nominal), with green background and a 2” wide white reflective border. The white reflective letter “S” will measure 15” x 15” with a 3” minimum stroke width. The letter shall be arial font or similar.	Placard size and color. The size and color of placards used to identify the status of commercial premises, buildings, or structures in the City of Springfield shall be as follows: 1. UNSAFE or “U” placards shall be 24” x 24” square (23.875” X 23.875” nominal), with red background and a 2” wide white reflective border. The white reflective letter “U” will measure 15” x 15” with a 3” minimum stroke width. The letter shall be arial font or similar. 2. CAUTION or “C” placards shall be 24” x 24” square (23.875” X 23.875” nominal), with orange background and a 2” wide white reflective border. The white reflective letter “C” will measure 15” x 15” with a 3” minimum stroke width. The letter shall be arial font or similar. 3. SAFE or “S” placards shall be 24” x 24” square (23.875” X 23.875” nominal), with green background and a 2” wide white reflective border. The white reflective letter “S” will measure 15” x 15” with a 3” minimum stroke width. The letter shall be arial font or similar.
311.5.2.1	Added	Placard size and color. The size and color of placards used to identify the status of residential premises, buildings, or structures in the City of Eugene shall be as follows: 1. UNSAFE or “U” placards shall be 16” x 16” square (15.875” X 15.875” nominal), with red background and a 1” wide white reflective border. The white reflective letter “U” will measure 11.5” X 11.5” with a 2.25” minimum stroke width. The letter shall be arial font or similar. 2. CAUTION or “C” placards shall be 16” x 16” square (15.875” X 15.875” nominal), with orange background and a 1” wide white reflective border. The white reflective letter “C” will measure 11.5” X 11.5” with a 2.25” minimum stroke width. The letter shall be arial font or similar. 3. SAFE or “S” placards shall be 16” x 16” square (15.875” X 15.875” nominal), with green background and a 1” wide white reflective border. The white reflective letter “S” will measure 11.5” X 11.5” with a 2.25” minimum stroke width. The letter shall be arial font or similar.	Placard size and color. The size and color of placards used to identify the status of residential premises, buildings, or structures in the City of Springfield shall be as follows: 1. UNSAFE or “U” placards shall be 16” x 16” square (15.875” X 15.875” nominal), with red background and a 1” wide white reflective border. The white reflective letter “U” will measure 11.5” X 11.5” with a 2.25” minimum stroke width. The letter shall be arial font or similar. 2. CAUTION or “C” placards shall be 16” x 16” square (15.875” X 15.875” nominal), with orange background and a 1” wide white reflective border. The white reflective letter “C” will measure 11.5” X 11.5” with a 2.25” minimum stroke width. The letter shall be arial font or similar. 3. SAFE or “S” placards shall be 16” x 16” square (15.875” X 15.875” nominal), with green background and a 1” wide white reflective border. The white reflective letter “S” will measure 11.5” X 11.5” with a 2.25” minimum stroke width. The letter shall be arial font or similar.

311.5.4	Amended	Placard Symbols. The design of placards shall use the following symbols: 1. This symbol shall mean that the structure had normal structural conditions at the time of marking.  2. This symbol shall mean that structural or interior hazards exist, and interior firefighting or rescue operations should be conducted with extreme caution.  3. This symbol shall mean that structural or interior hazards exist to a degree that consideration should be given to limit firefighting to exterior operations only, with entry only occurring for known life hazards. 	Placard Symbols. The design of placards shall use the following symbols: 1. This symbol shall mean that the structure had normal structural conditions at the time of marking.  2. This symbol shall mean that structural or interior hazards exist, and interior firefighting or rescue operations should be conducted with extreme caution.  3. This symbol shall mean that structural or interior hazards exist to a degree that consideration should be given to limit firefighting to exterior operations only, with entry only occurring for known life hazards. 
401.9	Added	Evacuation Required. In the event of an activation of a fire alarm, emergency alarm, or at the direction the fire code official, occupants of the building or portion of the building in which the alarm is activated shall make a safe and orderly evacuation out of the building, or as provided in the building's fire safety, evacuation, or emergency operations plan. Exceptions: 1. Where an occupant's disability makes the occupant unable to evacuate without assistance and no assistance is immediately available; or 2. Where the presence of smoke, fire, structural collapse or other hazard or obstruction in the occupant's means of egress makes evacuation unsafe.	Evacuation Required. In the event of an activation of a fire alarm, emergency alarm, or at the direction the fire code official, occupants of the building or portion of the building in which the alarm is activated shall make a safe and orderly evacuation out of the building, or as provided in the building's fire safety, evacuation, or emergency operations plan. Exceptions: 1. Where an occupant's disability makes the occupant unable to evacuate without assistance and no assistance is immediately available; or 2. Where the presence of smoke, fire, structural collapse or other hazard or obstruction in the occupant's means of egress makes evacuation unsafe.
403.11.3.2	Amended	Training. Training for crowd managers shall be approved and verified by the fire code official.	Training. Training for crowd managers shall be approved and verified by the fire code official.

403.11.4	Added	Buildings containing active or passive smoke control systems. An approved fire safety and evacuation plan in accordance with Section 404 shall be approved by the fire code official for any building containing an active or passive smoke control system. Fire safety and evacuation plans for buildings containing an active or passive smoke control system shall be reviewed annually and maintained current.	Buildings containing active or passive smoke control systems. An approved fire safety and evacuation plan in accordance with Section 404 shall be approved by the fire code official for any building containing an active or passive smoke control system. Fire safety and evacuation plans for buildings containing an active or passive smoke control system shall be reviewed annually and maintained current.
403.11.5	Added	Structures with explosion venting or prevention systems. An approved fire safety and evacuation plan in accordance with Section 404 shall be approved by the fire code official for any structure required to have explosion (deflagration) venting or explosion (deflagration) prevention systems. Fire safety and evacuation plans for structures required to have explosion (deflagration) venting or explosion (deflagration) prevention systems shall be reviewed annually and maintained current.	Structures with explosion venting or prevention systems. An approved fire safety and evacuation plan in accordance with Section 404 shall be approved by the fire code official for any structure required to have explosion (deflagration) venting or explosion (deflagration) prevention systems. Fire safety and evacuation plans for structures required to have explosion (deflagration) venting or explosion (deflagration) prevention systems shall be reviewed annually and maintained current.
406.3	Amended	Employee training program. Employees shall be trained in fire prevention, evacuation, defend-in-place, emergency lockdown training, and fire safety in accordance with Sections 406.3.1 through 406.3.5.	Employee training program. Employees shall be trained in fire prevention, evacuation, defend-in-place, emergency lockdown training, and fire safety in accordance with Sections 406.3.1 through 406.3.5.
406.3.5	Added	Emergency defend-in-place training. Where a facility has a defend-in-place plan, the Facility's employees shall be trained on the alert and recall signals, communication system, location of emergency supplies, the use of the incident notification and alarm system, and their assigned duties and procedures in the event of an alarm or emergency.	Emergency defend-in-place training. Where a facility has a defend-in-place plan, the Facility's employees shall be trained on the alert and recall signals, communication system, location of emergency supplies, the use of the incident notification and alarm system, and their assigned duties and procedures in the event of an alarm or emergency.
408.1	Added	General. Where required by the fire code official, a pre-incident plan shall be submitted in accordance with Section 408.2 through Section 408.2.8	General. Where required by the fire code official, a pre-incident plan shall be submitted in accordance with Section 408.2 through Section 408.2.8
408.2	Added	Fire Department Pre-Incident Plans: Where required by the fire code official an electronic file of the occupancy, structure, development, or facility shall be submitted to the fire department for pre-incident planning purposes. The electronic file must conform to the specifications as described by the fire department. The electronic submittal must be received and approved by the fire code official as a condition of the fire department's recommendation that the Building Official approve occupancy.	Fire Department Pre-Incident Plans: Where required by the fire code official an electronic file of the occupancy, structure, development, or facility shall be submitted to the fire department for pre-incident planning purposes. The electronic file must conform to the specifications as described by the fire department. The electronic submittal must be received and approved by the fire code official as a condition of the fire department's recommendation that the Building Official approve occupancy.

408.2.1	Added	Building information card. Building Information Cards (BIC's) shall be provided in the following occupancies and facilities: a) Group A, other than Group A occupancies used exclusively for purposes of religious worship that have an occupant load less than 2,000. b) Group B buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge. c) Group E. d) Group F buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge. e) Group H. f) Group I. g) Group R-1 h) Group R-2 college and university buildings. i) Group R-4. j) Group SR. k) Group R occupancies subject to licensure by the state. l) R occupancies where multiple buildings are located on a common podium. m) High-rise buildings (buildings with an occupied floor/roof more than 75 feet above grade). n) Group M buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge. o) Covered malls exceeding 50,000 square feet in aggregate floor area. p) Underground buildings (buildings with an occupied floor more than 30 feet below grade). q) Group A, E, or M occupancies with an atrium. r) Any building where the size, height, nature of the use, or other specific character creates unique hazards as determined by the fire code official. Building Information Cards shall be located in each fire command center when provided. If no fire command center exists, the Building Information Card shall be in a location approved by the fire code official near the Fire Alarm Control Panel. The Building Information Card shall include, but is not limited to, the information specified in Sections 408.2.2 through 408.2.8 of this code.	Building information card. Building Information Cards (BIC's) shall be provided in the following occupancies and facilities: a) Group A, other than Group A occupancies used exclusively for purposes of religious worship that have an occupant load less than 2,000. b) Group B buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge. c) Group E. d) Group F buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge. e) Group H. f) Group I. g) Group R-1 h) Group R-2 college and university buildings. i) Group R-4. j) Group SR. k) Group R occupancies subject to licensure by the state. l) R occupancies where multiple buildings are located on a common podium. m) High-rise buildings (buildings with an occupied floor/roof more than 75 feet above grade). n) Group M buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge. o) Covered malls exceeding 50,000 square feet in aggregate floor area. p) Underground buildings (buildings with an occupied floor more than 30 feet below grade). q) Group A, E, or M occupancies with an atrium. r) Any building where the size, height, nature of the use, or other specific character creates unique hazards as determined by the fire code official. Building Information Cards shall be located in each fire command center when provided. If no fire command center exists, the Building Information Card shall be in a location approved by the fire code official near the Fire Alarm Control Panel. The Building Information Card shall include, but is not limited to, the information specified in Sections 408.2.2 through 408.2.8 of this code.
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408.2.2	Added	General building information. General building information shall include: property name, address, the number of floors in the building above and below grade, use and occupancy classification (for mixed uses, identify the different types of occupancies on each floor) and the estimated building population during the day, night, and weekends.	General building information. General building information shall include: property name, address, the number of floors in the building above and below grade, use and occupancy classification (for mixed uses, identify the different types of occupancies on each floor) and the estimated building population during the day, night, and weekends.
408.2.3	Added	Building emergency contact information. Building emergency contact information shall include: a list of the building's emergency contacts, and their work phone numbers, cell phone numbers and email addresses, including but not limited to the building manager and building engineer.	Building emergency contact information. Building emergency contact information shall include: a list of the building's emergency contacts, and their work phone numbers, cell phone numbers and email addresses, including but not limited to the building manager and building engineer.
408.2.4	Added	Building construction information. Building construction information shall include the type of building construction including but not limited to floors, walls, columns, and roof assemblies.	Building construction information. Building construction information shall include: the type of building construction including but not limited to floors, walls, columns and roof assemblies.
408.2.5	Added	Exit stairway information. Exit access stairways, exit stairway, and elevator information shall include; the number of exit access stairways and exit stairways in the building; each exit access stairway and exit stairway designation and floors served; location where each exit access stairway and exit stairway discharges, interior exit stairways that are pressurized; exit stairways provided with emergency lighting; each exit stairway that allows reentry; exit stairways providing roof access; number of elevator banks; elevator bank designation; elevator car numbers and respective floors that they serve; location of elevator machine rooms; control rooms and control spaces; location of sky lobby; and the location of freight elevator banks.	Exit stairway information. Exit access stairways, exit stairway, and elevator information shall include; the number of exit access stairways and exit stairways in the building; each exit access stairway and exit stairway designation and floors served; location where each exit access stairway and exit stairway discharges, interior exit stairways that are pressurized; exit stairways provided with emergency lighting; each exit stairway that allows reentry; exit stairways providing roof access; number of elevator banks; elevator bank designation; elevator car numbers and respective floors that they serve; location of elevator machine rooms; control rooms and control spaces; location of sky lobby; and the location of freight elevator banks.
408.2.6	Added	Building services and system information. Building services and system information shall include: the location of mechanical rooms; location of building management system; location and capacity of all fuel oil tanks; location of emergency generator; and location of natural gas service.	Building services and system information. Building services and system information shall include: the location of mechanical rooms, location of building management system, location and capacity of all fuel oil tanks, location of emergency generator and location of natural gas service.
408.2.7	Added	Fire protection system information. Fire protection system information shall include: the location of standpipes; location of fire pump rooms; location of fire department connections; floors protected by automatic sprinklers; and location of different types of automatic sprinkler systems installed, including but not limited to dry, wet and pre-action.	Fire protection system information. Fire protection system information shall include: the location of standpipes, location of fire pump rooms, location of fire department connections, floors protected by automatic sprinklers and location of different types of automatic sprinkler systems installed including but not limited to dry, wet and pre-action.

408.2.8	Added	Hazardous material information. Hazardous material information shall include: the location and quantity of hazardous materials.	Hazardous material information. Hazardous material information shall include: the location and quantity of hazardous materials.
503.2.7	Amended	Grade. The grade of the fire apparatus access road shall be in accordance with the Eugene City Code. Access roads, including public and private roads and driveways shall comply with the following: 1. The grade of access for non-sprinklered properties shall not exceed 10%. 2. The grade of access for sprinklered properties shall not exceed 12%. 3. All grades of access exceeding 12% require approval by the fire code official.	Grade. The grade of the fire apparatus access road shall be in accordance with the Springfield Municipal Code. Access roads, including public and private roads and driveways shall comply with the following: 1. The grade of access for non-sprinklered properties shall not exceed 10%. 2. The grade of access for sprinklered properties shall not exceed 12%. 3. All grades of access exceeding 12% require approval by the fire code official.
503.6	Amended	Security gates, bollards, or other obstructions. The installation of security gates, bollards or other obstructions across a fire apparatus access road shall be reviewed and approved by the fire code official. The use of directional-limiting devices (tire spikes) is prohibited. Where security gates, bollards or other obstructions are installed, they shall have an approved means of emergency operation. The emergency operation of security gates, bollards, or other obstructions shall be maintained at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200 and must be equipped with Click 2 Enter technology or other authorized equipment that allows for operation of the gate by fire personnel from their apparatus. Exceptions: 1. Gates shall be at least as wide as the required access road width. 2. Gates, bollards or other obstructions on commercial properties must be set back 30 ft. from roadway edge of pavement. 3. Where a fence is provided on each side of a gate for a commercial property, a man door shall be provided at an approved location with a key box for access to the man door. 4. Automated gates equipped with Click 2 Enter technology or other authorized equipment that allows for operation of the gate by Fire personnel from their apparatus are not required to be set back 30 ft. from the roadway edge of pavement provided the roadway is not an arterial, residential collector street or a street with lane markers.	Security gates, bollards, or other obstructions. The installation of security gates, bollards or other obstructions across a fire apparatus access road shall be reviewed and approved by the fire code official. The use of directional-limiting devices (tire spikes) is prohibited. Where security gates, bollards or other obstructions are installed, they shall have an approved means of emergency operation. The emergency operation of security gates, bollards, or other obstructions shall be maintained at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200 and must be equipped with Click 2 Enter technology or other authorized equipment that allows for operation of the gate by fire personnel from their apparatus. Exceptions: 1. Gates shall be at least as wide as the required access road width. 2. Gates, bollards or other obstructions on commercial properties must be set back 30 ft. from roadway edge of pavement. 3. Where a fence is provided on each side of a gate for a commercial property, a man door shall be provided at an approved location with a key box for access to the man door. 4. Automated gates equipped with Click 2 Enter technology or other authorized equipment that allows for operation of the gate by Fire personnel from their apparatus are not required to be set back 30 ft. from the roadway edge of pavement provided the roadway is not an arterial, residential collector street or a street with lane markers.

507.5.5	Amended	Clear space around hydrants. A 4.5 ft. (54 inches or 1.376 m) clear space, measured from the center of the hydrant nut, shall be maintained around the circumference of fire hydrants. A vertical clearance of not less than 6.8 ft. (2.074 m) shall also be maintained, except as otherwise required or approved.	Clear space around hydrants. A 4.5 ft. (54 inches or 1.376 m) clear space, measured from the center of the hydrant nut, shall be maintained around the circumference of fire hydrants. A vertical clearance of not less than 6.8 ft. (2.074 m) shall also be maintained, except as otherwise required or approved.
510.1	Amended	Emergency responder radio coverage in new buildings. All new buildings, as described in Section 510.1.1, shall have approved radio coverage for emergency responders within the building based on the existing coverage levels of the public safety communication systems utilized by the jurisdiction, measured at the exterior of the building. This section shall not require improvement of the existing public safety communications systems. Approval of a wired communication system must be documented on OSSC Form 918 in accordance with Section 918 OSSC. Exceptions: 1. Where permitted by the fire code official and approved by the building official, a wired communication system in accordance with Section 907.2.13.2 shall be permitted to be installed or maintained instead of an approved radio coverage system. 2. Where it is determined by the fire code official that the radio coverage system is not needed. 3. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency responder radio coverage system. 4. Where the facility is approved by the fire code official for participation in the City's mobile emergency responder radio coverage (MERRC) program.	Emergency responder radio coverage in new buildings. All new buildings, as described in Section 510.1.1 shall have approved radio coverage for emergency responders within the building based on the existing coverage levels of the public safety communication systems utilized by the jurisdiction, measured at the exterior of the building. This section shall not require improvement of the existing public safety communications systems. Approval of a wired communication system must be documented on OSSC Form 918 in accordance with Section 918 OSSC. Exceptions: 1. Where permitted by the fire code official and approved by the building official, a wired communication system in accordance with Section 907.2.13.2 shall be permitted to be installed or maintained instead of an approved emergency responder radio system. 2. Where it is determined by the fire code official that the radio coverage system is not required. 3. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency responder radio coverage system. 4. Where the facility is approved by the fire code official for participation in the City's mobile emergency responder radio coverage (MERRC) program.

606.5	Added	Commercial cooking systems. The automatic fire-extinguishing system for commercial cooking systems shall be of a type recognized for protection of commercial cooking equipment and exhaust systems of the type and arrangement protected. Signage shall be provided on the exhaust hood or system cabinet, indicating the type and arrangement of cooking appliances protected by the automatic fire-extinguishing system. Signage shall indicate appliances from left to right, be durable, and the size, color, and lettering shall be approved by the fire code official. Pre-engineered automatic dry- and wet-chemical extinguishing systems shall be tested in accordance with UL 300 and listed and labeled for the intended application. Other types of automatic fire-extinguishing systems shall be listed and labeled for specific use as protection for commercial cooking operations. The system shall be installed in accordance with this code, NFPA 96, its listing and the manufacturer's installation instructions. Automatic fire-extinguishing systems of the following types shall be installed in accordance with the referenced standard indicated, as follows: 1. Carbon dioxide extinguishing systems, NFPA 12. 2. Automatic sprinkler systems, NFPA 13. 3. Automatic water mist systems, NFPA 750. 4. Foam-water sprinkler system or foam water spray systems, NFPA 16. 5. Dry-chemical extinguishing systems, NFPA 17. 6. Wet-chemical extinguishing systems, NFPA 17A. Exception: Factory-built commercial cooking recirculating systems that are tested in accordance with UL 710B and listed, labeled, and installed in accordance with Section 304.1 of the International Mechanical Code.	Commercial cooking systems. The automatic fire-extinguishing system for commercial cooking systems shall be of a type recognized for protection of commercial cooking equipment and exhaust systems of the type and arrangement protected. Signage shall be provided on the exhaust hood or system cabinet, indicating the type and arrangement of cooking appliances protected by the automatic fire-extinguishing system. Signage shall indicate appliances from left to right, be durable, and the size, color, and lettering shall be approved by the fire code official. Pre-engineered automatic dry- and wet-chemical extinguishing systems shall be tested in accordance with UL 300 and listed and labeled for the intended application. Other types of automatic fire-extinguishing systems shall be listed and labeled for specific use as protection for commercial cooking operations. The system shall be installed in accordance with this code, NFPA 96, its listing and the manufacturer's installation instructions. Automatic fire extinguishing systems of the following types shall be installed in accordance with the referenced standard indicated, as follows: 1. Carbon dioxide extinguishing systems, NFPA 12. 2. Automatic sprinkler systems, NFPA 13. 3. Automatic water mist systems, NFPA 750. 4. Foam-water sprinkler system or foam-water spray systems, NFPA 16. 5. Dry-chemical extinguishing systems, NFPA 17. 6. Wet-chemical extinguishing systems, NFPA 17A. Exception: Factory-built commercial cooking recirculating systems that are tested in accordance with UL 710B and listed, labeled, and installed in accordance with Section 304.1 of the International Mechanical Code.
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901.4.2	Amended	Nonrequired fire protection and life safety systems. Fire protection and life safe systems or portion thereof not required by this code, or the International Building Code shall be allowed to be furnished for partial or complete protection provided that such installed systems meet the applicable requirements of this code and the International Building Code. Such systems or portion of system shall be provided with signage stating “NON-REQUIRED SYSTEM.” Signage shall be durable and permanent in nature, with contrasting color and background, and with lettering of not less than one (1) inch (25.4 mm) in height. Location of such signage shall be approved by the fire code official.	Nonrequired fire protection and life safety systems. Fire protection and life safe systems or portion thereof not required by this code, or the International Building Code shall be allowed to be furnished for partial or complete protection provided that such installed systems meet the applicable requirements of this code and the International Building Code. Such systems or portion of system shall be provided with signage stating “NON-REQUIRED SYSTEM.” Signage shall be durable and permanent in nature, with contrasting color and background, and with lettering of not less than 1 inch (25.4 mm) in height. Location of such signage shall be approved by the fire code official.
901.6.3	Amended	Records. Records of all system inspections, tests, and maintenance required by the referenced standards shall be maintained. Fire protection and life safety system service providers shall submit all reports through The Compliance Engine (TCE) or as otherwise required by the fire code official.	Records. Records of all system inspections, tests, and maintenance required by the referenced standards shall be maintained. Fire protection and life safety system service providers shall submit all reports through The Compliance Engine (TCE) or as otherwise required by the fire code official.
901.6.4	Added	Excessive false automatic fire alarm activation. Excessive fire alarm (nuisance fire alarm) activations. Preventable activations of fire alarm and life safety systems that results in the fire departments response and arrival at the occupancy of an alarm in excess of three (3) preventable alarms in a twelve (12) month period may be cited and restitution sought under the provisions this code, applicable administrative orders, or ordinances of the City of Eugene.	Excessive false automatic fire alarm activation. Excessive fire alarm (nuisance fire alarm) activations. Preventable activations of fire alarm and life safety systems that results in the fire departments response and arrival at the occupancy of an alarm in excess of three (3) preventable alarms in a twelve (12) month period may be cited and restitution sought under the provisions this code, applicable administrative orders, or ordinances of the City of Springfield.
901.8.2	Amended	Removal of existing occupant-use hose lines. The fire code official is authorized to permit the removal of existing occupant-use hose lines where installation is not required by this code, the International Building Code, or a previously approved alternative method, or when both of the following conditions exist: 1. The hose line would not be utilized by trained personnel or the fire department. 2. The remaining outlets are not compatible with local fire department fittings.	Removal of existing occupant-use hose lines. The fire code official is authorized to permit the removal of existing occupant-use hose lines where installation is not required by this code, the International Building Code, or a previously approved alternative method, or when both of the following conditions exist: 1. The hose line would not be utilized by trained personnel or the fire department. 2. The remaining outlets are not compatible with local fire department fittings.

5001.5.2	Amended	Hazardous materials inventory statement (HMIS). Where required by the fire code official, an application for a permit shall include an HMIS, such as Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Tier II Report, or other approved statement. The HMIS shall include the following information: 1. Product name 2. Component. 3. CAS - Chemical Abstract Service Number. 4. Location where stored or used 5. Container size 6. Hazard classification 7. Amount in storage. 8. Amount in use - closed systems 9. Amount in use - open systems 10. NFPA 704 classification	Hazardous materials inventory statement (HMIS). Where required by the fire code official, an application for a permit shall include an HMIS, such as Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Tier II Report, or other approved statement. The HMIS shall include the following information: 1. Product name 2. Component. 3. CAS - Chemical Abstract Service Number. 4. Location where stored or used 5. Container size 6. Hazard classification 7. Amount in storage. 8. Amount in use - closed systems 9. Amount in use - open systems 10. NFPA 704 classification
5003.2.6	Amended	Maintenance. In addition to the requirements of Section 5003.2.3, equipment, machinery and required detection and alarm systems associated with hazardous materials shall be maintained in an operable condition. All safety control systems at a facility shall be maintained in good working condition and tested not less frequently than annually. Maintenance and testing shall be performed by persons qualified to perform the maintenance and tests. Maintenance records and certifications shall comply with Sections 901.5 and 901.6.2. Defective containers, cylinders and tanks shall be removed from service, repaired, replaced, or disposed of in an approved manner. Defective equipment or machinery shall be removed from service and repaired or replaced. Required detection and alarm systems shall be replaced or repaired where defective.	Maintenance. In addition to the requirements of Section 5003.2.3, equipment, machinery and required detection and alarm systems associated with hazardous materials shall be maintained in an operable condition. All safety control systems at a facility shall be maintained in good working condition and tested not less frequently than annually. Maintenance and testing shall be performed by persons qualified to perform the maintenance and tests. Maintenance records and certifications shall comply with Sections 901.5 and 901.6.2. Defective containers, cylinders, tanks, shall be removed from service, repaired, replaced, and disposed of in an approved manner. Defective equipment or machinery shall be removed from service and repaired or replaced. Required detection and alarm systems shall be replaced or repaired where defective.
5006.1	Added	Vehicle placards. Vehicles that require a hazardous materials placard by Department of Transportation (DOT) regulations shall display the required placard for the regulated cargo at all times.	Vehicle placards. Vehicles that require a hazardous materials placard by Department of Transportation (DOT) regulations shall display the required placard for the regulated cargo at all times.
5006.1.1	Added	Unattended parking. Vehicles requiring placards in accordance with Section 5006.1 shall comply with the requirements of 5706.6.1 through 5706.6.4	Unattended parking. Vehicles requiring placards in accordance with Section 5006.1 shall comply with the requirements of 5706.6.1 through 5706.6.4.

5601.2	Amended	Permit required. Permits shall be required as set forth in ORS 480.127, 480.130, 480.210, 480.244, Section 105.6 and regulated in accordance with section 4.934 of the Eugene Code, 1971 and this section.	Prescriptive OFC Applies in COS.
5704.2.14.1	Amended	Removal. Removal of above ground and underground tanks shall be in accordance with all of the following: 1. Flammable and combustible liquids shall be removed from the tank and connected piping. 2. Piping at tank openings that is not to be used further shall be disconnected. 3. Piping shall be removed from the ground. Exception: Piping is allowed to be abandoned in place where the fire code official determines that removal is not practical. Abandoned piping shall be capped and safeguarded as required by the fire code official. 4. Tank openings shall be capped or plugged, leaving a 1/8-inch to 1/4-inch-diameter (3.2 mm to 6.4 mm) opening for pressure equalization. 5. Tanks shall be purged of vapor and inerted prior to removal. The inerted tank environment shall be monitored by an explosive meter during the removal of the tank. 6. All exterior above-grade fill and vent piping shall be permanently removed. Exception: Piping associated with bulk plants, terminal facilities, and refineries.	Removal. Removal of above ground and underground tanks shall be in accordance with all of the following: 1. Flammable and combustible liquids shall be removed from the tank and connected piping. 2. Piping at tank openings that is not to be used further shall be disconnected. 3. Piping shall be removed from the ground. Exception: Piping is allowed to be abandoned in place where the fire code official determines that removal is not practical. Abandoned piping shall be capped and safeguarded as required by the fire code official. 4. Tank openings shall be capped or plugged, leaving a 1/8-inch to 1/4-inch diameter (3.2 mm to 6.4 mm) opening for pressure equalization. 5. Tanks shall be purged of vapor and inerted prior to removal. The inerted tank environment shall be monitored by an explosive meter during the removal of the tank. 6. All exterior above-grade fill and vent piping shall be permanently removed. Exception: Piping associated with bulk plants, terminal facilities, and refineries.
Chapter 80 NFPA	Added	921 – 21: Guide for Fire and Explosion Investigations	921 – 21: Guide for Fire and Explosion Investigations
Chapter 80 NFPA	Added	1031 – 14: Standard for Professional Qualifications for Fire Inspector and Plans Examiner	1031 – 14: Standard for Professional Qualifications for Fire Inspector and Plans Examiner
Chapter 80 NFPA	Added	1033 – 22: Standard for Professional Qualifications for Fire Investigator	1033 – 22: Standard for Professional Qualifications for Fire Investigator
Appendix C, Table C102.1 Footnote (b)	Amended	Where streets are provided with median dividers which cannot be crossed by firefighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 20,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis up to a fire-flow requirement of 7,000 gallons per minute and 400 feet for higher fire-flow requirements.	Where streets are provided with median dividers which cannot be crossed by firefighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 20,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis up to a fire-flow requirement of 7,000 gallons per minute and 400 feet for higher fire-flow requirements.

D101.1	Amended	Scope. Fire apparatus access roads shall be in accordance with this appendix and all other applicable requirements of the Eugene Fire Code. The fire code official may be guided by adopted City of Eugene street standards for grade and hillside development requirements. City streets shall conform to design standards as set forth in the adopted City of Eugene street standards.	Scope. Fire apparatus access roads shall be in accordance with this appendix and all other applicable requirements of the Springfield Municipal Code. The fire code official may be guided by adopted City of Springfield street standards for grade and hillside development requirements. City streets shall conform to design standards as set forth in the adopted City of Springfield street standards.
D102.1	Amended	Access and loading. Facilities, buildings, or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete, or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 86,000 pounds.	Access and loading. Facilities, buildings, or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete, or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 86,000 pounds.
D103.2	Amended	Grade. The grade of the fire apparatus access road shall be in accordance with the Eugene City Code. Access roads, including public and private roads and driveways shall comply with the following: 1. The grade of access for non-sprinklered properties shall not exceed 10%. 2. The grade of access for sprinklered properties shall not exceed 12%. 3. All grades of access exceeding 12% require approval by the fire code official.	Grade. The grade of the fire apparatus access road shall be in accordance with the Springfield Development Code. Access roads, including public and private roads and driveways shall comply with the following: 1. The grade of access for non-sprinklered properties shall not exceed 10%. 2. The grade of access for sprinklered properties shall not exceed 12%. 3. All grades of access exceeding 12% require approval by the fire code official.