

Fire Code Amendment	What Is the Change?	Locally adopted / SFM adopted / Amended	Why Is There a Local Change?
105.6.28	Reduced the exception size of LPG tanks from 500 gal to 100 gal that would require Fire Dept. inspection for new installations based on permit issuance.	Locally adopted and amended	LPG tanks are known to possibly leak, LPG is heavier than air and can easily be trapped under a home, if ignited it turns into a bomb. This allows the Fire Departments to make sure they are installed with the proper spacing away from structures and to have a clear understanding of what they will be used for.
109.4	Completed the section by filling in the blank portions that were not completed by the SFM. It is better left to localities to determine the fees/penalties for their respective areas.	Locally adopted and amended	Allows the fire code official to enforce the fire code that protects life and property.
111.4	Completed the section by filling in the blank portions that were not completed by the SFM. It is better left to localities to determine the fees/penalties for their respective areas.	SFM adopted and amended locally	Had to fill in fine amounts that were specific to El Dorado County Fire Jurisdictions.
113.6	Had to create and adopt 113.6 to charge permit, plan review and inspection fees to recover costs.	Locally created and adopted	State of California does not create or assign fire permit, plan review and inspection fees. It leaves code creation to localities.
503.2	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	SFM does not adopt fire apparatus roadways, Section 503, because it leaves it up to the localities to adopt and amend it as needed for each jurisdiction's topographic, climatic, and geologic reasons.
503.2.1 *	Changed vertical clearances to 15 feet.	Locally adopted and amended	Fire trucks are becoming larger and taller. A vertical clearance of 15 feet provides proper clearance for apparatus to pass under without damaging apparatus components. It also allows an extended time frame before having to recut the growth of the vegetation.
503.2.5	Added a specific section for R3's where it allows the Fire Code and Title 14 Fire Safe Regulations to match as they require turnarounds for Fire apparatus.	Locally adopted and amended	Fire apparatus require areas for turning around when multiple vehicles are on the scene of an emergency. This includes fire vehicles as well as civilian vehicles. Provides better access for ingress/egress.
503.2.6	Changed the section for Bridges and Elevated Surfaces to state and match El Dorado County Transportation Division instead of AASHTO HB-17.	Locally adopted and amended	Allows codes and standards for Bridges and Elevated Surfaces of El Dorado County to be consistent throughout county agencies and is allowed as an alternate means & methods that is not less restrictive than the Fire Code.
503.4.2	Created and adopted 503.4.2 to maintain emergency access and consistency through all roadway gates in El Dorado County, referring to the gate standards adopted by the FPO's.	Locally created and adopted	Allows fire districts the authority to approve gates on roadways, providing the best possible emergency access to maintain fast response times.
503.4.3	No parking allowed on roadways that are 20-29 feet wide.	Locally created and adopted	Fire access and civilian ingress/egress during emergencies.
503.4.4	Parking allowed on one side only on roadways that are 30-35 feet wide.	Locally created and adopted	Fire access and civilian ingress/egress during emergencies.
503.4.5	Parking allowed on both sides of roadways that are 36 feet wide or greater.	Locally created and adopted	Fire access and civilian ingress/egress during emergencies.
D104.1	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	Provides required access to structures of significant height and fire load.
D104.2	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	Provides required access to structures of significant size and fire load.
D104.3	No change to fire code but added an exception due to the County's topography and practicality of installation in those difficult areas.	Locally adopted and amended	Added an exception for location of property, topography, waterways, grades, as long as an alternative fire protection method is applied.
D105.1	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	Provides required access for fire trucks with aerial ladder which requires a minimum 26 foot width to deploy outriggers when the aerial ladder is in use.
D105.2	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	Provides required access for fire trucks with aerial ladder which requires a minimum 26 foot width to deploy outriggers when the aerial ladder is in use.
D105.3	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	Provides required access for fire trucks with aerial ladder which requires a minimum 26 foot width to deploy outriggers when the aerial ladder is in use.
D105.4	No change to the CA Fire Code. CA Fire code language used.	Locally adopted	Provides required access for fire trucks with aerial ladder which requires a minimum 26 foot width to deploy outriggers when the aerial ladder is in use.

D106.1	Removed the wording that limited the section to 30 dwelling units.	Locally adopted and amended	For the safety of the communities we live in, two ways of ingress/egress are required to ensure the safety of the residents and first responders.
D107.1	Adopted D107.2 Remoteness in this section.	Locally adopted and amended	For the safety of the communities we live in, two ways of ingress/egress are required to ensure the safety of the residents and first responders.
507.1	Changed 400 feet to 150 feet.	SFM adopted and amended locally	Commercial properties are required to install hydrants at 300 foot intervals, thus they should never be outside of 150 feet from any given hydrant at anytime (half the distance in between).
604.1.2	Added emergency responder and civilian protection via a shunt trip device for shutting off power to a facility. This only affects occupancies other than R3 and AG buildings not used for commercial purposes.	SFM adopted and amended locally	Allows the fire department to be able to shut off the power to a specific building to avoid electrical emergencies while on scene, as needed.
903.2	Changed the section to include all buildings 3,600 square feet or larger, except R3 occupancies and AG buildings not used for commercial purposes.	SFM adopted and amended locally	Due to the topographic, climatic, and geographic conditions of El Dorado County and their contributing factors to our increased response times, along with the fact that fires double in size each and every minute, we require sprinklers to be installed in structures once they reach 3,600 square feet in size as they relate to fire behavior and rate of spread.
903.2.a	Adds a requirement for existing buildings greater than 3,600 square feet to install sprinklers if they add more than 30% or 1,000 square feet to the structure, whichever is less.	Locally created and adopted	Due to the topographic, climatic, and geographic conditions of El Dorado County and their contributing factors to our increased response times, along with the fact that fires double in size each and every minute, we require sprinklers to be installed in structures once they reach 3,600 square feet in size as they relate to fire behavior and rate of spread.
903.2.b	Adds occupant protection for existing buildings less than 3,600 square feet to install sprinklers if they add more than 30% or 1,000 square feet to the structure, whichever is less.	Locally created and adopted	Due to the topographic, climatic, and geographic conditions of El Dorado County and their contributing factors to our increased response times, along with the fact that fires double in size each and every minute, we require sprinklers to be installed in structures once they reach 3,600 square feet in size as they relate to fire behavior and rate of spread.
903.2.1 - 903.2.10, and 903.2.c	This is a table based on occupancy type which lists the square foot requirements for when sprinklers are required.	Locally created and adopted	Due to the topographic, climatic, and geographic conditions of El Dorado County and their contributing factors to our increased response times, along with the fact that fires double in size each and every minute, we require sprinklers to be installed in structures once they reach 3,600 square feet in size as they relate to fire behavior and rate of spread.
907.2.a	Added occupant protection for fire alarms in buildings with a floor area of 3,600 square feet or greater, except R3, AG buildings not used for commercial purposes, and buildings with a floor area of less than 500 square feet as approved by the fire code official.	Locally created and adopted	Provides proper emergency notification for occupancies that allow public use and ensures Fire Department notification in the event of a fire or smoke.
907.2.b	Added occupant protection for existing buildings without automatic sprinkler systems to install a fire alarm if they add more than 30% or 1,000 square feet to the structure, whichever is less.	Locally created and adopted	Provides proper emergency notification for occupancies that allow public use and ensures Fire Department notification in the event of a fire or smoke.
907.2.c	Added occupant protection by stating all fire alarm detection systems installed shall be connected to a monitoring service that notifies the fire department upon activation and is installed per Section 907 of the fire code.	Locally created and adopted	Provides proper emergency notification for occupancies that allow public use and ensures Fire Department notification in the event of a fire or smoke.
907.2.d *	Added occupant protection for Type 1 Hood systems to be connected to a monitored fire alarm system when installed or replaced.	Locally created and adopted	Provides proper emergency notification for occupancies that allow public use and ensures Fire Department notification in the event of a fire or smoke.
5601.2	Added safety protection with permits being issued by both the Fire Chief and Sheriffs Department for explosives, and by the Fire Chief and the Board of Supervisors for fireworks.	SFM adopted and amended locally	Allows agencies that need to know about explosives and fireworks to approve them and have a clear understanding of the applications they will be used for.
6112.1 *	Added community protection on LPG installations above 4,000 feet elevation by listing the requirements from the California Mechanical Code.	Locally created and adopted	Allows agencies above 4,000 feet elevation to have conditions that match the CA Mechanical Code to provide protection against ice, snow, and other related components from shearing off regulators and causing LPG gas release which leads to explosions, inhalation, injuries and death.

6112.2	Added community protection on LPG installations above 4,000 feet elevation by listing the requirements from the California Mechanical Code.	Locally created and adopted	Allows agencies above 4,000 feet elevation to have conditions that match the CA Mechanical Code to provide protection against ice, snow, and other related components from shearing off regulators and causing LPG gas release which leads to explosions, inhalation, injuries and death.
6112.3	Added community protection on LPG installations above 4,000 feet elevation by listing the requirements from the California Mechanical Code.	Locally created and adopted	Allows agencies above 4,000 feet elevation to have conditions that match the CA Mechanical Code to provide protection against ice, snow, and other related components from shearing off regulators and causing LPG gas release which leads to explosions, inhalation, injuries and death.
6113.1	Permits and plans shall be submitted and approved by the AHJ (Authority Having Jurisdiction).	Locally created and adopted	Allows us to require plans be submitted for review prior to installations of underground LPG tanks.
6113.2	Requires underground LPG tanks to remain the property of the LPG company	Locally created and adopted	Underground tanks corrode easily and can leak without detection. They are also not routinely maintained when sold to the end user. This does not apply to above ground tanks where corrosion and leaks are more easily detected.
Table B105.1(1)	changed 500 GPM to 1,000 GPM to match fire flow precedent used in EDC for years	SFM adopted and amended locally	Allows us to match what developers and residents are used to in regards to GPM fire flow requirements that have been used for over a decade in EDC.
Table B105.2	made a minimum requirement of 1,500 GPM for all commercial projects	SFM adopted and amended locally	Allows us to match what developers and residents are used to in regards to GPM fire flow requirements that have been used for over a decade in EDC.
5704.2.9.6.1	Established limits as set forth in the Fire Code	SFM adopted and amended locally	Established limits as required by the Fire Code for Class I flammable and Class II combustible liquid storage in above-ground tanks. Requires AHJ approval and a Special/Conditional Use Permit from the County.
5706.2.4.4	Established limits as set forth in the Fire Code	SFM adopted and amended locally	Established limits as required by the Fire Code for Class I flammable and Class II combustible liquid special operations in above-ground tanks. Requires AHJ approval and a Special/Conditional Use Permit from the County.
5806.2	Established limits as set forth in the Fire Code	SFM adopted and amended locally	Established limits as required by the Fire Code for Flammable Cryogenic fluids in stationary containers. Requires AHJ approval and a Special/Conditional Use Permit from the County.
6104.2	Established limits for LPG storage and dispensing near or adjacent to residential development	SFM adopted and amended locally	Establishes distances between LPG storage and dispenseries that are directly related to safety for residential developments and high-density hotels, motel, apartments, etc. where a release by leak or explosion of LP-Gas would have a high probability of injury, inhalation, or death. Requires AHJ approval and a Special/Conditional Use Permit from the County.

Light grey highlighted cells = No change from previous ordinances

\* White highlighted cells = New change to 2017 Ordinance