



# Proposed Adoption of the 2024 International Fire Code



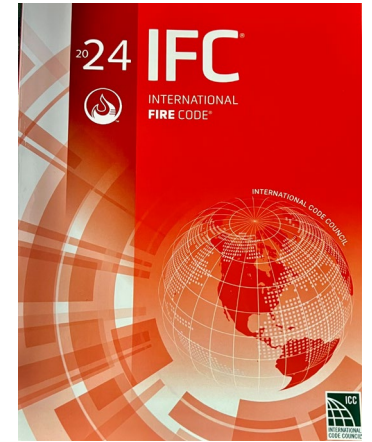
# Purpose of the fire code:

- Establishes the minimum requirements consistent with nationally recognized good practices.
- Provides a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions.
- Applies to new and existing buildings, structures and premises.
- Provides safety to firefighters and emergency responders during emergency operations.



# Why Adopt the 2024 IFC?

- Address new technology, building materials, and processes.
- New editions of the code every three years.
- 1991 UFC, 2000 IFC, 2003 IFC, 2006 IFC, 2012 IFC, and the 2018 IFC.
- Six-year adoption cycle to stay current with region and compliant with accreditation and ISO standards.
- Compliments the IBC and other ICC codes.



# Adoption Process

- Reviewed changes with our focus group.
- Coordination with Development Services.
- Discussions with other municipalities facilitated by the Heart of America Metro Fire Chiefs Council / Fire Marshal's Section (HOA).
- Public Safety Advisory Board (2/17/2026)
- Board of Appeals (2/19/2026)



# Key Changes

- Energy Storage Systems (ESS). Continued focus on ESS. Now referencing NFPA 855 along with IFC Section 1207 to regulate Energy Storage system. The provisions continue to evolve with technologies.
- Lithium-ion batteries. Research, storage, and manufacturing of such technologies are being regulated through active systems including automatic sprinkler systems and detection requirements along with proper overall building design and construction. The IFC contains a specific section to provide tools to manage the collection of lithium-ion batteries.
- Powered micromobility devices. Focuses on issues with charging, product listings, separation requirements, and use of detection systems.
- Carbon Monoxide (CO) detection. The 2024 IBC and IFC now require CO alarms or detection systems for all types of occupancies. Previously the focus was only on residential and schools.

# Key Changes- Part Two

- A2L refrigerants. The IFC and IBC now acknowledge the need for the use of A2L (flammable) refrigerants but in a safe and well-regulated way. The code now acknowledges two hazard levels for flammable gases based upon the Global Harmonized Standards (GHS).
- Distilled spirits and wine storage. Fire protection requirements have been further refined based upon data from FM Global.
- Valet trash. Valet trash collection is now permitted only where approved. The owner and valet trash collection service provider are required to comply with the rules and limitations that are established by the jurisdiction. Appendix O has been added to provide requirements for adoption.
- Inflatable amusement devices. Section 3107 has been added to provide requirements for these devices.

# Key Changes- Part Three

- Temporary Heating and Cooking Operations. A new Chapter 41 provides all the requirements, including some relocated from other chapters in the 2021 edition, that address temporary heating and cooking operations.
- Emergency Responder Communications Enhancement System (ERCES). Provisions in Section 510 have been updated to match the latest terminology and technology being used for ERCES. In addition, NFPA 1225-2022 Standard for Emergency Services Communications, is now referenced.

# LSFD Legacy Amendments

- Operational Permits
- Fireworks
- Open Burning
- Distance to hydrants.
- Sprinklered building requirements (size and height).
- Distance to FDC's.
- Adoption of appendices.
- Existing Buildings (Chapter 11).

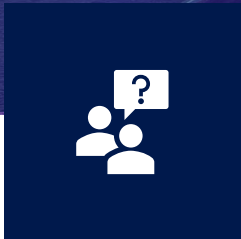
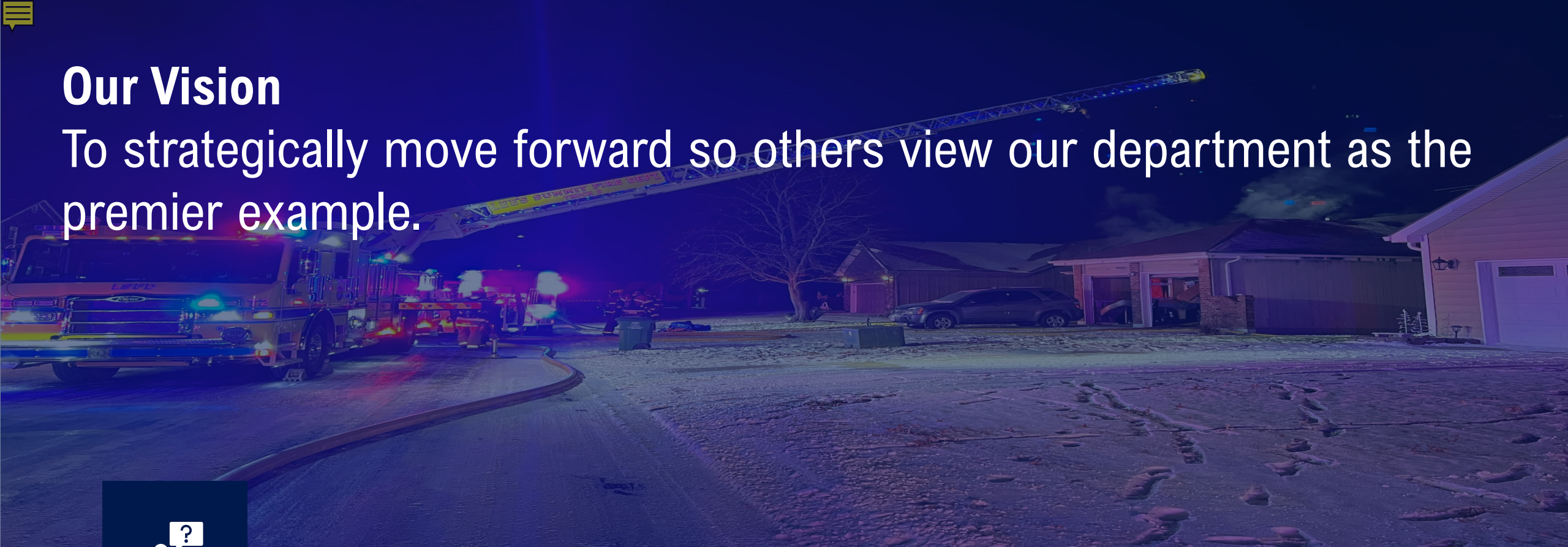
# LSFD New Amendments

- Pellet grills/smokers prohibited on apartment balconies.
- Permit the burning of vegetation on lots greater than 5 acres in residential zoned areas when the primary use is agriculture.
- Additional requirements for electric vehicle charging (EVC) and lithium-ion powered devices.
- Adopt valet trash service requirements in appendix.
- Language added to access requirements for new combustible construction.
- Food trucks.



# Our Vision

To strategically move forward so others view our department as the premier example.



# Questions

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