

Following a review of the changes from the 2015 International Fire Code (IFC) to the 2018 and 2021 code editions, please find the following notations. As a point of clarification – we looked at the changes in both editions from the perspective of what we deal with or could deal with in the Town as well as the Fire District. Even at that we will need to add some amendments to the code we adopt in order to address or clarify specific items in the code, however we are trying to keep the number of amendments to a minimum. I would also note that we have one business in Town and another one planned where the 2021 code is more applicable as well as addresses specific fire safety issues (we will be using the 2021 code in one of those businesses requirements to better assist them in their current and planned growth).

2018 IFC Changes that have an effect in our jurisdiction:

- Changes in assigning occupancy load to certain occupancies
- Changes in exiting factors
- There were some additions/modifications to retrofitting sprinklers in assemblies
- Changes on dealing with tents
- And finally, some changes in dealing with LP gases

These changes along with some additional changes/modifications were captured in the 2021 edition of the IFC.

The other note regarding the 2018 IFC is that it dealt with a lot of occupancy types and requirements that have no effect on what we have in the Town or the Fire District outside of the Town.

2021 IFC Changes that have an effect in our jurisdiction:

- Changes to fire drills in various occupancies
- Amendments to those occupancies requiring fire command centers
- New requirements for addressing emergency responder radio communications in buildings (up-grades from the minimal requirements in the 2015)
- Changes in owner required maintenance for fire resistant rated construction
 - . Repair for penetrations
 - . Spray on fire resistive materials
- Life safety system changes
- An entirely new section for distilled spirits (one of our current amendments that we can eliminate)
- Changes in 13-R sprinkler requirements
- Improved requirements to standpipe systems over the 2015 code
- Changes to portable fire extinguisher requirements
- Changes in fire alarm low frequency requirements in sleeping rooms for R-1 and R-2 occupancies. It also increased the dBA for fire alarms as well as addresses the situation when additions occur and fire alarm monitoring requirements
- Changes in exiting/egress from occupied roofs
 - . Exiting access requirements based on occupancy loads
- A number of changes having to do with locks and latches
 - . In A occupancies
 - . Outside seating (significant changes here relating to exiting)

- Fire alarm system changes in R-1 hotels/motels
- Changes in CO detection in existing occupancies (I's, R's & E's)
- Changes from the 2015 in spray booth requirements
- Amendments to daily fire safety inspections for building under construction
- Changes in Haz mat exceptions/clarifications
 - . And control areas

Given the significant changes in the 2021 IFC over what we found in the 2018 as it relates to our current adopted 2015 IFC, and given the fact that the two counties we serve have already gone to the 2021 IFC, Lyons Fire would highly recommend that the Town give strong consideration to going to the 2021 IFC as well as the 2021 companion codes such as the building code, mechanical code, etc.