# ADDENDUM TO INITIAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE **STATE FIRE MARSHAL** REGARDING THE **2022 CALIFORNIA MECHANICAL CODE**,

# CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART **4**

# (SFM 01/21)

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

## LEGEND for EXPRESS TERMS (Based on model codes - Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipsis ( ...) indicate existing text remains unchanged

# INITIAL EXPRESS TERMS

**1104.6 Applications for Human Comfort and for Nonindustrial Occupancies**. In nonindustrial occupancies, Group A2, ~~A2L,~~ A3, B1, B2L, B2, and B3 refrigerants shall not be used in high-probability systems for human comfort.

# Justification

# Currently CMC 1104.2 exception #1 allows A2L refrigerant to be used in small HVAC units that are listed and are under 6.6 lbs. of refrigerant. An example of current use within the state would be an R32 room air condition, which the adopted standard UL 60335-2-40 allows 918 grams. The prohibition of this use would eliminate the use these commonly used smaller units that utilize A2L refrigerants, which have a much lower global warming potential. Senate Bill 1383 mandates the reduction of the green gas emissions. The removal of the A2L prohibition of for the smaller HVAC units maintains the current regulations for their use.