APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION
AUGUST 1, 2023

# COMMISSION ACTION MATRIX Plumbing, electrical, Mechanical and energy (peme) CODE ADVISORY COMMITTEE

## 2022 California Mechanical code, TITLE 24, PART 4AGENCY: state fire marshal, SFM 05/22

### LEGEND:

**CAC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Agency Responses:** Accept, Disagree, Withdraw

**CBSC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

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

* 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* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipses (...) indicate existing text remains unchanged

### Chapter 1, scope and administration division 1, california administration, section 1.11.1

SFM proposes to amend definition of Specified State-Occupied as listed below.

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| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 1** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM-05/22-1 | *1.11.1* | **Approve** | **Accept** | No public comments received | Propose to clarify and define Specified State Occupied Occupancies as per Senate Bill 85 | **Approve** |

### Chapter 2, Section 202 definitions

SFM proposes to add new definition as listed below.

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| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 2** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM-05/22-2-1 | *Refrigerant.**Refrigerant Concentration Limit (RCL)*Refrigerant Safety ClassificationsFlammability Classification*Class 2L* | **Further Study** | **Accept** | No public comments received | Propose to adopt new definition for refrigerant concentration limit.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM** added additional definitions to match 2024 California Mechanical Code for A2L applications. | **Approve** |

### Chapter 3, general regulations Section 307.3 & 307.4 Labeling

SFM proposes to amend sections listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 3** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM 05/22-3-1 | 307.3 | **Further Study** | **Disagree** | No public comments received | Propose to modify section to require labeling for refrigerant designation on heat pump/cooling appliances.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-3-2 | 307.4 | **Further Study** | **Disagree** | No public comments received | Propose to modify section to require labeling for refrigerant designation on absorption units.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |

### Chapter 6, duct systems Section 609.1 air-moving systems and smoke detectors

SFM proposes to amend and add new sections as listed below.

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| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 4** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM 05/22-4-1 | 609.1  | **Approve** | **Accept** | No public comments received | Propose to modify to add additional guidance regarding the location of smoke detection required for shutdown of supply-air systems. | **Approve** |
| SFM 05/22-4-2 | *609.1.1* | **Approve** | **Accept** | No public comments received | Proposes to relocate existing language from the charging paragraph of CMC Section 609.1 to add new Section 609.1.1.**Commission Meeting Aug 1**: Remove comma | **Approve as Amended** |
| SFM 05/22-4-3 | *609.2* | **Approve** | **Accept** | No public comments received | Propose to reinstate provisions in the charging paragraph that last appeared in the 1992 California Mechanical Code that require automatic shutoff of return air systems. | **Approve** |

### Chapter 11, refrigeration Section 1103, 1104, 1106, 1107, 1112 & 1115

SFM proposes to amend and add new sections as listed below.

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| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 5** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM 05/22-5-1 | 1103.1.1 | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify and provide pointer to new table.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-2 | *Table 1103.1.1* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new table with refrigerant safety group classifications.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-3 | Table 1104.1 | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify table to add A2L for permissible refrigeration systems.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-4 | 1104.2 | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify to add new referenced section number.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: Added changes to match the 2024 Uniform Mechanical Code. | **Approve** |
| SFM 05/22-5-5 | 1104.5 | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify section with new text based on flammability requirements in additional sections.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: Section reference pointers have been updated and corrected for correlation. | **Approve** |
| SFM 05/22-5-6 | *1104.6* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section regarding A2L refrigerants for human comfort.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: SFM removed the last sentence and the exception of joint connections. | **Approve** |
| SFM 05/22-5-7 | *1104.6.1* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section on refrigerant concentration limits.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: the changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-8 | *1104.6.2* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section for listing and install requirements.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-9 | *1104.6.2.1* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: nameplate which requires symbol indicate flammable refrigerant.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-10 | *1104.6.2.2* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: labeling indicate flammable refrigerant being used.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-11 | *1104.6.2.3* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: refrigerant detectors in accordance with 1104.6.5.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-12 | *1104.6.2.4* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer – Recommendation: Approve Robert Glass – Recommendation: Approve as amended | Propose to adopt new section re: refrigerant concentration maximum value limits.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language.**SFM, after CAC**: changes required from the initial proposal were done to match exactly what is published.**SFM, after 45-day:** No changes to ET. See FSOR. | **Approve** |
| SFM 05/22-5-13 | *1104.6.3* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: ignition sources in ductwork.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-14 | *1104.6.4* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | **SFM**: Current item was added in the course of further study. | **Approve** |
| SFM 05/22-5-15 | *1104.6.5* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: compressors and pressure vessel located indoors.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-16 | *1104.6.6* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: refrigerant sensors.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-17 | ~~1104.6~~*1104.7* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to amend to add a section number to reference A2L and remove existing exceptions.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-18 | ~~1104.7~~ *1104.8*~~1104.7.1~~*1104.8.1*~~1104.7.2~~*1104.8.2*~~1104.7.3~~*1104.8.3*~~1104.7.4~~*1104.8.4*~~1104.8~~*1104.9*1104.9.11104.9.21104.9.31104.9.41105.12.1 | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer – Recommendation: ApproveDominique Taudin – Recommendation: Approve as Amended Samantha Slater – Recommendation: Approve as AmendedRonald Shughart – Recommendation: Approve as Amended | Renumber sections**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM, after CAC**: changes required from the initial proposal were done to match exactly what is published.**SFM, after 45-day:** No changes to ET. See FSOR. | **Approve** |
| SFM 05/22-5-19 | 1106.2.2 | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify referenced section number.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-20 | ~~1106.6~~ *1106.2.3* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify referenced ASHRAE number.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. The third sentence, the word “a” has been amended to “any”.Corrected ASHRAE number to match 2024 UMC. | **Approve** |
| SFM 05/22-5-21 | ~~1106.11~~ *1106.2.4* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify referenced ASHRAE number.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language. **SFM**: changes required from the initial proposal were done to match exactly what is published. Corrected ASHRAE number to match 2024 UMC | **Approve** |
| SFM 05/22-5-22 | ~~1106.2.2.1~~ *1106.2.5* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify the referenced section numbers & modify the exception to add referenced section number for A2L and B2l refrigerant detectors.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published.  | **Approve** |
| SFM 05/22-5-23 | ~~1106.2.2.2~~ *1106.2.6* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify referenced section numbers.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-24 | ~~1106.2.3~~ *1106.2.7**~~1106.2.4~~**1106.2.8* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Renumber Section**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-25 | ~~1106.2.5~~ *1106.2.9* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Renumber section**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published.  | **Approve** |
| SFM 05/22-5-26 | ~~1106.2.5.1~~ *1106.2.9.1* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Modify Section Title number and remove B2L from list of refrigerants for ventilation.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-27 | ~~1106.2.5.2~~ | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Repeal section “Ventilation – Group A2L Refrigerants.”**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-28 | ~~Table 1106.2.5.2~~ | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Repeal Table “Required Airflow for Group A2L Refrigerants.”**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |
| SFM 05/22-5-29 | 1106.4~~1106.7~~ *1106.6*~~1106.8~~ *1106.7*~~1106.9~~ *1106.8*~~1106.10~~ *1106.9*~~1106.12~~ *1106.10* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify existing section with minor modifications.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. Renumbering of sections 1106.7-1106.12 were done to correlate with the reorganization of the 2024 UMC. | **Approve** |
| SFM 05/22-5-30 | *1106.11* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Machinery Room, A2L & B2L.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-31 | *1106.11.1* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer – Recommendation: Approve Robert Glass – Recommendation: Approve as amended | Propose to adopt new section re: Flame-Producing Device.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM, after CAC**: changes required from the initial proposal were done to match exactly what is published.**SFM, after 45-day:** No changes to ET. See FSOR. | **Approve** |
| SFM 05/22-5-32 | *1106.11.2* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Communicating Spaces.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-33 | *1106.11.3* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Noncombustible Construction.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-34 | *1106.11.4* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Exterior Openings.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-35 | *1106.11.5* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Pipe Penetrations.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-36 | *1106.11.6* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Machinery Room Designation. **CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-37 | *1106.11.6.1* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Mechanical Ventilation.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-38 | *1106.11.6.2* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Detection System.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-39 | *1106.11.7* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Mechanical Equipment Control.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-40 | *1106.11.8* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Refrigerant Detectors.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-41 | *1106.11.9* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Refrigerant Detector Requirements.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-42 | *1106.11.10* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Alarms**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-43 | *1106.11.10.1* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Visual and Audio.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-44 | *1106.11.10.2* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Detector Activation.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-45 | *Table 1106.11.10.2* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new table re: Refrigerant Detector Set Points, Response Times, Alarms and Ventilation levels.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-46 | *1106.11.10.3* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Alarm Levels**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-47 | *1106.11.10.4* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Emergency**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-48 | *1106.11.11* | **Further Study** | **Accept** | **45-Day Public Comment:** Bob Raymer – Recommendation: ApproveRobert Glass – Recommendation: Approve as amended | Propose to adopt new section re: Mechanical Ventilation.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM, after CAC**: changes required from the initial proposal were done to match exactly what is published.**SFM, after 45-day:** fixed the Title as recommended by Robert Glass. | **Approve** |
| SFM 05/22-5-49 | *1106.11.11.1* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Mechanical Ventilation Requirements.**CAC**: 9 Pt Criteria 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-50 | *Table 1106.11.11.2* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new Table re: Level 1 Ventilation Rate for Class 2L Refrigerants.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-51 | *1106.11.11.2* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Level 1 Ventilation Rate.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-52 | *1106.11.11.3* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Level 2 Ventilation.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-53 | *1106.11.11.4* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Level 2 Ventilation Rate.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-54 | *Figure 1106.11.11.4(1)* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new figure for Level 2 Ventilation Rate for Class 2L Refrigerants.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-55 | *Figure 1106.11.11.4(2)* | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new figure for Level 2 Ventilation Rate for Class 2L Refrigerants (SI)**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-56 | 1107.1.7.1 | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify referenced section numbers.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-57 | 1107.1.7.21107.1.7.31107.1.91108.31108.4 | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | **After CAC**: Section reference pointers have been updated and corrected for correlation.**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05/22-5-58 | 1112.11.1 | **Further Study** | **Accept** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to modify to add in A2L & B2L refrigerants.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: changes required from the initial proposal were done to match exactly what is published. | **Approve** |
| SFM 05-22-5-59 | *1115.5* | **Further Study** | **Disagree** | **45-Day Public Comment**: Bob Raymer, Samantha Slater & Dominique Taudin – Recommendation: Approve | Propose to adopt new section re: Nameplate.**CAC**: 9 Pt Criteria: 3, 4, 5, 7. Amend with IAPMO’s current language**SFM**: evaluated the published copy of the 2024 Uniform Mechanical Code provided by courtesy of IAPMO; there are no changes required from the initial proposal to match exactly what is published. | **Approve** |

### Chapter 13, fuel gas piping, Section 1301.1 applicability

SFM proposes to amend section listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 6** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM 05/22-6 | 1301.1 | **Approve** | **Accept** | No public comments received | Propose to modify section which identifies that the installation of fuel oil piping systems connected to combustion engines and gas turbines is also a concern. | **Approve** |

### Chapter 16 stationary power plants, Section 1602.0, 1602.1, 1602.1.1 & 1602.2

SFM proposes to amend sections as listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 7** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM 05/22-7-1 | 1602.0 | **Approve** | **Accept** | No public comments received | Propose to modify section title to add gas turbines. | **Approve** |
| SFM 05/22-7-2 | 1602.1 | **Approve** | **Accept** | No public comments received | Propose to modify title and include stationary gas engines. | **Approve** |
| SFM 05/22-7-3 | ~~1602.2~~ 1602.*1.1* | **Approve** | **Accept** | No public comments received | Renumber Section | **Approve** |
| SFM 05/22-7-4 | *1602.2* | **Approve** | **Accept** | No public comments received | Propose to adopt new section re: Liquid-Fueled Engines and Gas Turbines. | **Approve** |

### Chapter 17 reference standards, Section 1701.1

SFM propose to amend sections listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item Number 8** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| SFM 05/22-8-1 | ASHRAE 15 | **Approve** | **Accept** | No public comments received | Propose to modify ASHRAE 15 to the 2022 Standard. | **Approve** |
| SFM 05/22-8-2 | ASHRAE 34 | **Approve** | **Accept** | No public comments received | Propose to modify ASHRAE 34 to the 2022 Standard. | **Approve** |
| SFM 05/22-8-3 | NFPA 37-2018 | **Approve** | **Accept** | No public comments received | Propose to modify NFPA 37 Standard to add fuel oil piping systems. **CAC**: Consider updating to 2021 Standard | **Approve** |
| SFM 05/22-8-4 | NFPA 409 | **Approve** | **Accept** | No public comments received | Propose to modify NFPA 409 to the 2022 Standard. | **Approve** |
| SFM 05/22-8-5 | UL 60335-2-40 | **Approve** | **Accept** | No public comments received | Propose to modify to the 2022 4th edition Standard | **Approve** |
| SFM 05/22-8-6 | UL 60335-2-89 | **Approve as Amended** | **Accept** | No public comments received | Propose to modify to the 2021 Standard.**CAC**: 9 Pt Criteria 6. Recommend remove the 2nd “an” in sentence to match model code.SFM agrees with and made the change to match model code. | **Approve** |