

Committee notes for MN Rule Chapter 1346 Committee Meeting

Dated 12-21-11

Agenda Item #1 9:03 AM

Committee Chair, Scott Nelson, gave overview of today's meeting agenda and noted we would be discussing proposed changes to the 2012 IMC chapters 4, 5, and 6.

Agenda Item #2 a (1346, IMC #4).

A discussion was held regarding garage exhaust ducts extending to the exterior of the building and not extend through other ducts or plenums.

Other code references were discussed including; a. environmental air is defined in the 2012 IMC and includes parking garage exhaust, b. IMC section 501.3 has locations for environmental air in #3 and "Such exhaust shall not be considered hazardous or noxious," and c. 601.4 addresses exhaust ducts not extending into or pass through ducts or plenums.

The existing proposal was voted as a NO (only 1 voted yes). So this proposal is considered concluded and will not go forward. However, the proposal may come back to the committee written in different language, but with the same intent, for committee consideration.

Agenda Item #2 b (1346, IMC #5).

Discussion on adding the 2 words "elevator lobbies" to 404.3 was held. 404.3 already have "similar uses" but the proposer would like to clarify even further that this section includes elevator lobbies. The proposer dealt with an architect who claimed that by putting a vestibule between the enclosed parking garage and the elevator lobby allowed this particular elevator lobby to not be required to be maintained under positive pressure.

The committee had a 100% consensus to approve adding the words "elevator lobbies" but the proposer needs to rewrite the need and reason section as well as the cost benefit analysis section. IMC #5 will not go forward until these sections are rewritten.

Agenda Item #2 c (1346, IMC #6).

Discussion was held regarding the use of a CO detector in an enclosed parking garage that included a concentration of CO at 25 ppm (404.1, #2). The discussion also included 404.2 minimum exhaust. The proposal eliminates the 2012 language regarding the .05 cfm per square foot and replaces that language with saying the minimum exhaust rate of .75 cfm/sq.ft. of floor area should be used.

There was 100% consensus for approval for this proposal as long as it includes NO as well. However, the proposer needs to rewrite the need and reason section and bring back to the committee .

Agenda Item #2 d (1346, IMC #7)

This is not a proposal but rather a discussion regarding duct insulation .The committee agreed to table this discussion until the MN Rule 1323 committee had examined what duct insulation should be in MN Rule 1323.

Consensus was to table this until the 1323 committee discussed insulation requirements.

Agenda Item #2 e (1346, IMC #8)

This proposed change would keep table 603.4 that exists today in code and replace it with the 2012 table 603.4. The difference lies in keeping round ducts at 30 and 28 gage (todays code) vs. the 2012 requirements of round ducts at 28, 26, 24 gage. The discussion centered on the fact there was no reason to change the existing requirements.

100% consensus approved proposed change but the need and reason needed to be re-worked.

Agenda Item #2 f (1346, IMC #9)

Again, as in IMC #7, this is not a proposal but was a discussion regarding duct sealing. The committee agreed to table this until the 1323 committee addresses this issue. The intent is one Rule should be in concert with the other Rule (1323 and 1346 in this case).

Agenda Item #2 g (1346, IMC #10)

This proposal discussion was regarding the fact that grease duct bracing and supports language should reflect the language of NFPA 96 language in order to maintain consistency of requirements.

There was 100% consensus to move this proposal forward.

Agenda Item #2 h (1346, IMC #11)

This proposal amends (by deleting) #3 of our present amendment in 506.4.1 #3. Taking out # 3 eliminates the requirement for an increase pitch in horizontal ducts exceeding 75 feet in length and would rely on #2 in 506.4.1 showing the ducts shall slope not less than ¼ unit vertical to 12 units horizontal.....

There was 100% consensus to move this proposal forward.

Agenda Item #2 i (1346, IMC #12)

This proposal, as does IMC #10, deals with supports for type 1 hoods to be consistent with NFPA 96 in gage/thickness.

There was 100% consensus to move this proposal forward.

Agenda item #3

Scott Nelson discussed the next meeting date and date for proposed code change submittals with the committee

Agenda Item 4:

Scott Nelson assigned the committee to review the following:

What, if any, proposals are needed for MN with NFPA 96 deletion including:

- a. Brazing and butt welding (Mike A),
- b. limited combustible info (Jon K),
- c. recirculating hoods – does 2012 IMC address adequately (Jared E),
- d. grease removal equipment- again, does 2012 address adequately (Kent S), and
- e. other issues not yet identified.

Also proposals for Chapters 6, 7, 8, 9, and 10 are due by 4pm December 27, 2011 for discussion on our next meeting January 4, 2012.

Agenda Item #5

The committee adjourned at 12:15PM