

1 Department of Administration
 2 Building Codes and Standards Division
 3
 4 Adopted Rules Governing Amendments to the State Building Code
 5 entitled Proposed Optional Appendix E Automatic Fire Suppression
 6 Systems

7
8 Rule as Adopted

9 2 MCAR S 1.10020 Optional provisions for installation of
10 on-premises fire suppression systems.

11 A. Purpose. This rule authorizes optional provisions for
 12 the installation of on-premises fire suppression systems in new
 13 construction. It is intended to alleviate increasing demands
 14 for additional fire suppression resources by allowing a
 15 municipality to adopt the optional provisions of this rule based
 16 on its local fire suppression capabilities.

17 B. Municipal option. The sprinkler system requirements in
 18 C. may be adopted without change by a municipality. If they are
 19 adopted, the requirements are applicable throughout the
 20 municipality for new buildings, additions to buildings, and
 21 buildings for which the occupancy classification is changed.

22 C. Requirements. Automatic sprinkler systems must be
 23 installed and maintained in operable condition in buildings in
 24 the occupancy classifications listed in 1.-12. This requirement
 25 is in addition to other minimum requirements set in the state
 26 building code. The height and area increases provided for in
 27 sections 506 and 507 of the Uniform Building Code, as adopted in
 28 the state building code ~~may-be-applied~~ are applicable.

- 29 1. Group A-1 occupancies.
- 30 2. Group A-2 occupancies with an occupant load of 300 or
31 more.
- 32 3. Group A-2.1 occupancies.
- 33 4. Group B-1 service stations with 3,000 or more gross sq.
34 ft. of area, not including canopies.
- 35 5. Group B-1 parking garages with 5,000 or more gross sq.
36 ft. of area.

3-31-83

1 6. Group B-2 offices and post-secondary classrooms with
2 8,500 or more gross sq. ft. of area or three or more stories in
3 height.

4 7. Group B-2 retail, warehouse, or manufacturing areas
5 with 2,000 or more gross sq. ft. of area or three or more
6 stories in height.

7 8. Group E-1 and E-2 occupancies with 8,500 or more gross
8 sq. ft. in area or two or more stories in height, except for
9 minor additions that do not increase the occupant load or
10 significantly increase the fire load.

11 9. Group E-3 occupancies with an occupant load of 30 or
12 more.

13 10. Group H-4 occupancies with 3,000 or more gross sq. ft.
14 of area.

15 11. Group R-1 apartment houses with 8,500 or more gross
16 sq. ft. of area or with dwelling units on three or more floors,
17 except that when they are not required by Uniform Building Code,
18 sections 1807 or 1907, or other provisions of the state building
19 code, automatic sprinkler systems within dwelling units in
20 apartment occupancies are considered complete when protection is
21 provided in all habitable rooms. Building officials, in
22 concurrence with their fire chiefs, may accept alternate systems
23 not-fully-complying which have fire protection capabilities
24 equivalent to systems which comply with Standard 38-1 of the
25 Uniform Building Code.

26 12. Group R-1 hotels and motels with 8,500 or more gross
27 sq. ft. of area or with guest rooms on three or more floors.