RULES CERTIFICATE

| STATE OF WISCONSIN)) SS | |
|---|---|
| DEPT. OF INDUSTRY,) LABOR & HUMAN RELATIONS) | |
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| | |
| TO ALL TO WIIOM THESE PRESENTS SHALL COME | , GREETINGS: |
| I, Howard S. Bellman | , Secretary of the Department of |
| Industry, Labor and Human Relations, and | custodian of the official records |
| of said department, do hereby certify th Chs Ind 50-64 - Bldg & Htg, Vent & A/C of HVAC Rules | Code - were duly |
| (Subject approved and adopted by this department | on <u> </u> |
| | s been compared by me with the original |
| on file in this department and that the | same is a true copy thereof, and of |
| the whole of such original. | |
| | |
| | IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the department at \$100 am |
| | in the city of Madison, this 14th day of November A.D. 1913. |
| | Howard Bellman |
| | Secretary |

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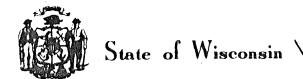
ORDER OF ADOPTION

| Building & Heating, Ventilating & Air Conditioning Code HVAC Rules (Number) The attached rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register , pursuant to section | Pursuant to authority ves | ted in the Department of Industry, Labor and |
|---|---|--|
| Trepeals and recreates; and X repeals and adopts rules of Wisconsin Administrative Code chapter(s): Building & Heating, Ventilating & Air Conditioning Code (Number) The attached rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register publication in the Wisconsin Administrative Register Adopted at Madison, Wisconsin, this day of Adopted at Madison, Wisconsin, this Department Of Industry, Labor and Human Relations DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS | Human Relations by section(s) | 101.02(1), 101.02(15)(h)-(j) Stats., the Depart- |
| Building & Heating, Ventilating & Air Conditioning Code Ind. 50-64 (Number) The attached rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register 227.026, Stats. Adopted at Madison, Wisconsin, this day of DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS Output | ment of Industry, Labor and Hu | man Relations hereby X creates; X amends; |
| Building & Heating, Ventilating & Air Conditioning Code (Number) The attached rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register 227.026, Stats. Adopted at Madison, Wisconsin, this day of Marender, A.D., 193. DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS Department of Industry Labor And Human Relations | $\overline{/X}$ repeals and recreates; an | d X repeals and adopts rules of Wisconsin Admin- |
| The attached rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register , pursuant to section 227.026, Stats. Adopted at Madison, Wisconsin, this | istrative Code chapter(s): | |
| The attached rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register , pursuant to section 227.026, Stats. Adopted at Madison, Wisconsin, this day of Amender, A.D., 1933. DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS | | |
| day of <u>Josember</u> , A.D., 19 <u>B</u> . DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS Howards Bellman | | |
| Secretary | | day of <u>Janember</u> , A.D., 19 <u>53</u> . |
| | | Secretary |

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RULES in FINAL DRAFT FORM

| Rule: _ | Chs. In | d 50-64 (| Ind 64) |) | | | | | |
|----------|---------|-----------|---------|----------|--------|---------|--------|----------|---|
| Relating | to: | Building | & Heati | ing, Ven | tilat | ing & A | ir Con | ditionin | 3 |
| • | | Code - HV | | | | | | | |
| Clearing | hou | se Ri | ule | No.: | 1 1 | 83-71 | | | |

Administrative rules to repeal s. Ind 64.63 (2) (b) Note #1; to amend ss. Ind 51.27 (5), 51.27 (7a), 52.54 (1), 64.42 (1) (intro.), 64.42 (1) (a), 64.61 (1), 64.64 "Title", 64.64 (1), 64.65 (3) (b) 1., 64.67 (4) (b) 3; to repeal and recreate ss. Ind 54.14 (3), Table 64.21, 64.22 (4), 64.67 (2) (b); to create ss. Ind 58.24 (3), 64.08 (5), 64.22 (5) (c), 64.22 (7) (d), 64.22 (8), 64.48 (2) (f) relating to heating, ventilating and air conditioning (HVAC) in public buildings and places of employment.

ANALYSIS OF RULES

The proposal updates and expands the current HVAC rules of the Building and Heating, Ventilating and Air Conditioning Code. The following is a summary of the major changes included in the proposal:

- 1) Recognized national standards for HVAC equipment and systems are updated to current editions or are adopted;
- 2) Ductless air circulating and treatment devices are prohibited in taverns and restaurants;
- 3) Fireplace requirements for health care facilities are updated;
- 4) Rules for gravity siphon-type roof ventilators are added;
- 5) Rules for solid fuel and waste oil burning equipment are updated and made more consistent;
- 6) Use of direct-fired unvented gas equipment is clarified;
- 7) Fire damper rules are updated and clarified;
- 8) Rules for listed equipment with venting systems are added;
- 9) Terminology for garages and showrooms is clarified; and
- 10) Kitchen exhaust hood rules are updated.

The proposed rules were developed in conjunction with the Project Committee for Heating, Ventilating and Air Conditioning and the Building Code Advisory Review Board. The following is a listing of the members of the project committee and the Review Board:

Project Committee for Heating, Ventilating & Air Conditioning

- Bert Fredericksen, Public
- Keith Goodwin, Department of Health and Social Services
- Robert L. Heyman, Mechanical Contractors Association of Wisconsin
- Jay F. Jorgensen, Wisconsin Chapter, American Society of Heating, Refrigerating and Air Conditioning Engineers
- Gene K. Miller, Wisconsin Society of Professional Engineers
- Harold L. Olsen, Consulting Engineers Institute of Wisconsin
- John H. Osborne, Sheet Metal and Air Conditioning Contractors Association of Wisconsin
- John Paulson, Wisconsin Society of Architects/American Institute of Architects
- Roger Kunkel, Wisconsin Utilities Association
- Joe Turner, City of Madison

Building Code Advisory Review Board

- Sharyl Bisgard, League of Women Voters
- Ronald W. Chiapete, Wisconsin State Fire Chiefs Association
- Victor Halloran, Wisconsin Society of Architects/AIA
- Lee C. Jensen, City of Milwaukee
- James E. Knothe, Wisconsin Society of Professional Engineers
- Marshall Kuhnly, Wisconsin State AFL-CIO
- Michael G. Laskis, State Bar of Wisconsin
- Thomas Lorenz, Master Builders Association of Wisconsin, Inc.
- George J. Mark, Wisconsin Builders Association
- Donald Roth, League of Wisconsin Municipalities
- David J. Schield, Wisconsin Association of Manufacturers and Commerce
- Stephen D. Schlough, Wisconsin Department of Health and Social Services
- Richard C. Schumacher, Wisconsin Chapter, Associated General Contractors of America, Inc.
- William Shea, Building Owners and Manufacturers Association/Income Property Owners Association
- Jahn Tinglum, Wisconsin Department of Public Instruction
- Fred Wegener, Wisconsin Department of Administration, Division of State Facilities Management
- Larry J. Wills, Wisconsin Chapter, Society of Fire Protection Engineers

Pursuant to the authority vested in the state of Wisconsin's Department of Industry, Labor and Human Relations by ss. 101.02 (1) and 101.02 (15) (h) to (j), Stats., the department hereby repeals, amends, repeals and recreates and creates rules interpreting ss. 101.02 (15) (h) to (j), Stats., as follows:

SECTION 1. Ind 51.27 (5) is amended to read:

Ind 51.27 (5) American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018, SPECIFICATION FOR REINFORCED GYPSUM CONCRETE, ANSI A59.1-1968 (R-1972); SPECIFICATION FOR VERMICULITE CONCRETE ROOFS AND SLABS ON GRADE, ANSI A122.1-1965; DIRECT GAS-FIRED MAKE-UP AIR HEATERS, ANSI Z83.4-1980; PERFORMANCE SPECIFICATIONS AND METHODS OF TESTING FOR SAFETY GLAZING MATERIALS USED IN BUILDINGS, ANSI Z97.1-1975.

SECTION 2. Ind 51.27 (7a) is amended to read:

Ind 51.27 (7a) National Fire Protection Association, Batterymarch Park, Quincy, Mass. 02269; STANDARD FOR PORTABLE FIRE EXTINGUISHERS, NFPA No. 10-1978 10-1981; STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, NFPA No. 13-1980; STANDARD FOR THE CARE AND MAINTENANCE OF SPRINKLER SYSTEMS, NFPA No. 13A-1978; STANDARD FOR THE INSTALLATION OF CENTRIFUGAL FIRE PUMPS, NFPA No. 20-1980; STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION, NFPA No. 22-1978 22-1981; STANDARD FOR OUTSIDE PROTECTION, NFPA No. 24-1977 24-1981; STANDARD FOR THE INSTALLATION OF OIL-BURNING EQUIPMENT, NFPA NO. 31-1978; NATIONAL FUEL GAS CODE, NFPA No. 54-1974 54-1980; STANDARD FOR CENTRAL STATION PROTECTIVE SIGNALING SYSTEMS, NFPA NO. 71-1977 71-1982; STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING SYSTEMS FOR GUARD'S TOUR, FIRE ALARM AND SUPERVISORY SERVICE, NFPA No. 72A-1979; STANDARD FOR AUXILIARY PROTECTIVE SIGNALING SYSTEMS, NFPA No. 72B-1979; STANDARD FOR REMOTE STATION PROTECTIVE SIGNALING SYSTEMS, NFPA No. 72C-1975 72C-1982; STANDARD FOR PROPRIETARY PROTECTIVE SIGNALING SYSTEMS, NFPA No. 72D-1979; STANDARD ON AUTOMATIC FIRE DETECTORS, NFPA No. 72E-1978 72E-1982; STANDARD FOR HOUSEHOLD FIRE WARNING EQUIPMENT, NFPA No. 74-1980; MANUAL ON CLEARANCES FOR HEAT PRODUCING APPLIANCES, NFPA No. 89M-1976; STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS, NFPA No. 90A-1981; STANDARD FOR CHIMNEYS, FIREPLACES AND VENTS, NFPA No. 211-1980.

SECTION 3. Ind 52.54 (1) is amended to read:

Ind 52.54 (1) SINGLE FIXTURE TOILET ROOMS AND BATHROOMS. (a) Except as provided in par. (b), windows may be omitted in bathrooms or toilet rooms containing a single fixture (having one water closet or urinal) and lavatory or bathing facility where artificial light and either mechanical exhaust ventilation or an approved duct less ductless air circulating and treatment device is provided.

(b) The use of ductless air circulating and treatment devices in taverns and restaurants is prohibited.

Note: The department will accept ductless air circulating and treatment devices conforming to standard C 10 as adopted by the National Sanitation Foundation (NSF).

SECTION 4. Ind 54.14 (3) is repealed and recreated to read:

Ind 54.14 (3) SUSPENDING EQUIPMENT. (a) Except as provided in par. (b), boilers up to 200,000 Btu input, water heaters up to 200,000 Btu input, gas and liquid fuel-fired space heaters, suspended furnaces, vented and unvented unit heaters may be used without an enclosure where approved by the department. Where suspended furnaces, vented and unvented unit heaters, boilers and water heaters are used without an enclosure, all such units shall be located at least 7 feet above the floor. The blow-off pipe for suspended boilers and water heaters shall be extended down to within 6 inches of the floor.

(b) The rated enclosure for heating equipment in factories may be omitted if the burner of the equipment is located at least 7 feet off the floor and the equipment is protected from physical damage.

Note: See s. Ind 64.21 for additional requirements.

SECTION 5. Ind 58.24 (3) is created to read:

Ind 58.24 (3) FIREPLACES. Fireplaces shall be permitted in health care facilities provided:

- (a) The fireplace is installed and used in areas other than patient sleeping areas which are separated from the patient sleeping areas by construction having at least a one-hour fire resistive rating;
- (b) The fireplace is equipped with safety screens and a heat tempered glass fireplace enclosure capable of withstanding temperatures up to 650° F.; and
- (c) Combustion air for the fireplace is taken directly from outside the building.

SECTION 6. Ind 64.08 (5) is created to read:

Ind 64.08 (5) GRAVITY SIPHON-TYPE ROOF VENTILATORS. (a) Except as provided in par. (b), gravity siphon-type roof ventilators shall be sized to provide a free area so that the velocity of the air does not exceed 300 feet per minute.

(b) The allowable velocity specified in par. (a) may be increased to 600 feet per minute provided the outside air is supplied by mechanical means.

SECTION 7. Table 64.21 is repealed and recreated to read:

| Location and Type of Occupancy | VENTED UNITS | | | | | | | UNVENTED | UNVENTED UNITS | | WATER OR STEAM |
|---|---|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------------------|---|---|--------------------------------------|---|---|
| | Gas or Oil or Solid Fuel Boilers Rated Enclosure | Gas or Oil or Solid Fuel Furnaces | | Gas or Oil Unit Heater | Gas or Oil Infrared | Gas or Oil Space Heater | Solid Fuel Space Heater ¹ , ² | Gas Direct Fired Makeup Air ³ ,4 | Gas Infrared | FURNACES, Unit Heaters, Heat Pumps, Baseboard Heaters, etc. | Unit Ventilators, Heaters, Makeup Air Units, Raseboard Heaters, |
| | | Rated Enclosure | Suspended or Guarded ⁵ | Suspended or Guarded ⁵ | Suspended or Guarded ⁵ | 1 | | Suspended or Guarded ⁵ | Suspended or Guarded ⁵ | | etc. |
| Type of Occupancy | | | | | T | T | | | ī | | |
| Factories | Yes | Yes ⁵ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Mercantile Bulldings | Yes | Yes | Yes | Yes | Yes | N.P.6 | N.P.6 | N.P. | N.P. | 1 | 1 |
| Office Buildings | Yes | Yes | Yes | Yes | N.P. | N.P.6 | N.P.6 | N.P. | N.P. | i | i |
| Places of assembly, entertain- ment, recreation, worship or | | | | | | | | | | | |
| dining (100 persons or less) Tennis Facilities | Yes | Yes | Yes | Yes | Yes | N.P.6 | N.P.6 | N.P. ⁷ | N.P. | | |
| (court areas only) Fennis Facilities | Yes | Yes | Yes | Yes | Yes | N.P.6 | N.P.6 | N.P. | и.р. | | |
| (all other areas) Theaters & places of assembly, entertainment, recreation, worship or dining (more | Yes | Yes | М-₽.8 | N.P. ⁸ | N.P. | N.P.6 | N.P.6 | N.P. | N-P- | SIES | 31ES |
| than 100 persons) | Yes | Yes | N.P. | N.P. | N.P. | N.P. | N.P. | N.P. | N.P. | ž | l š |
| Restaurants Tennis Facilities (court | Yes | Yes | N.P. | N.P. | N.P. | N.P. | N.P. | N.P.8 | N.P. | OCCUPANGIES | OCCUPANCIES |
| areas only) Tennis Facilities (all | Yes | Yes | Yes | Yes | Yes | N.P. | N.P. | N.P. | N.P. | ALL OC | ALL OC |
| other areas) Schools & Other Places of | Yes | Yes | м.р.8 | N.P.8 | N.P. | N.P. | N.P. | N.P. | N.P. | IN AI | IN AI |
| Instruction Hospitals, Nursing Homes & | Yes | Yes | и.р. ⁹ | N.P. 10 | N.P. 10 | N.P. | N.P. | N.P.9 | N.P. | i e | 1 |
| Penal Institutions | Yes | Yes | N.P. | N.P. | N.P. | N.P. | N.P. | N.P. | N.P. | Ε | I 5 |
| Residential Occupancies Mazardous Occupancies | Yes | Yes | N.P. | и.р. | N.P. | N.P. 11 | N.P.14 | N.P. | N.P. | PERMITTED | PERMITTED |
| Garages | Yes | Yes | Yes ¹² | Yes 12 | Yes ¹² | N.P. 15 | N.P. | Yes ¹² | Yes ¹² | | 1 " |
| Aircraft Hangars | Yes | Yes | Yes ¹³ | Yes ¹³ | Yes ¹³ | N.P. | N.P. | Yes ¹³ | Yes ¹³ | | 1 |
| Day Care Centers Community Based Residential | Yes16 | Yes | N.P. | N.P. | N.P. | N.P.6 | N.P.6 | N.P. | N.P. | | |
| Facilities 17 | Yes | Yes | N.P. | N.P. | N.P. | N.P.6 | N.P.6 | N.P. | N.P. | | |

N.P. = Not Permitted

Unlisted Occupancies - Use the listed occupancy in the table that is most similar to the subject occupancy.

Clearances - Equipment shall be installed in accordance with the clearance from combustibles indicated in the name plate of the unit.

- 1 See s. Ind 64.22 (7) (d) for fireplace requirements.
- ² All solid-fuel fired space heaters shall be located in occupied space or in a space provided with approved smoke detectors and located or guarded to maintain clearances to combustibles and prevent accidental damage or contact with hot surfaces. Solid-fuel burning stoves are limited to 150,000 Btu/hr output.
- 3 Except as provided in Pootnote 4, direct-fired makeup air units shall be mechanically exhausted in the range of 90% to 110% of the air supplied.
- 4 See s. Ind 64.22 (4) for other permitted uses of direct fired unvented natural gas heaters.
- Where permitted, such equipment other than infrared shall be located in an occupied space (see s. Ind 64.22 (3)) and suspended at least 7 feet above the floor or quarded to maintain clearances to combustibles and prevent accidental damage. Infrared equipment shall be located at least 9 feet above the floor. Suspension of solid-fuel fired equipment is not permitted. See s. Ind 54.14 (3) for additional requirements.
- 6 Permitted with combustion air ducted to unit in occupancies less than 3,000 square feet gross area and with occupant load less than 100 persons.
- 7 Permitted in kitchens to provide makeup air for kitchen exhaust systems if located outside building or in a rated enclosure-
- 8 Spectator areas in tennis facilities may be served by suspended equipment located in court areas.
- 9 Permitted only in shops with a 4-hour separation from other areas of the school building.
- 10 Permitted only in shops with a 4-hour separation from other areas of the school building. Low temperature vented infrared heating units may be used providing the temperature at the unit does not exceed 300° F.
- 11 Gas-fired, direct-vent wall furnaces are permitted in apartments and motels.
- 12 Suspended heating units are allowed in garages if located at least 8 feet off the floor. Suspension of solid-fuel fired equipment is not permitted.
- 13 Suspended heating units are allowed if located at least 10 feet above the upper surface of the wings or engine enclosure of the aircraft. Suspension of solid-fuel fired equipment is not permitted.
- 14 Solid-fuel fired space heaters are permitted in rowhouse units only.
- 15 Waste oil burners are permitted provided they are installed on mezzanines or service platforms located at least 9'-0" above the main floor, are visible from the main floor and are quarded as specified in this section.
- 16 See s. Ind 60.25 for smoke detector alternative.
- 17 See w. Ind 61.24 for requirements.

- SECTION 8. Ind 64.22 (4) is repealed and recreated to read:
- Ind 64.22 (4) GAS- OR OIL-FIRED RADIANT HEATERS AND DIRECT FIRED UNVENTED NATURAL GAS HEATERS. Gas- or oil-fired radiant heaters and direct fired unvented natural gas heaters are subject to the following provisions:
- (a) The heaters shall be equipped with an automatic pilot of the complete shutoff type or with a 100% shutoff electric ignition;
- (b) If unvented radiant heaters or direct fired unvented natural gas heaters are used, mechanical means shall be provided to supply at least 4 cfm of outside air per 1000 Btu per hour of installed heaters;
- (c) Gravity siphon-type roof ventilators or mechanical exhaust shall be provided to remove the amount of air supplied. Gravity siphon-type roof ventilators shall be sized to provide a free area so that the velocity of the air does not exceed 600 feet per minute;
- (d) Oil-fired radiant heaters shall be equipped with mechanical pressureatomizing burners; and
- (e) Direct fired unvented natural gas heaters shall comply with the provisions of American National Standards Institute (ANSI) standard Z83.4-1980, Direct Gas-Fired Make-Up Air Heaters.
- SECTION 9. Ind 64.22 (5) (c) is created to read:
- Ind 64.22 (5) (c) The use of unvented space heaters fueled by natural gas, kerosene, alcohol or other fuel shall be prohibited based on the facts of oxygen depletion; contamination from carbon monoxide, carbon dioxide, nitrogen dioxide, formaldehyde and other combustion-related contaminants; and water vapor development.
- SECTION 10. Ind 64.22 (7) (d) is created to read:
- Ind 64.22 (7) (d) <u>Permitted Installations</u>. Fireplaces are permitted in the following applications:
 - 1. In all occupancies within the scope of chs. Ind 54 and 55;
 - 2. In health care facilities as specified in s. Ind 58.24 (3);
- 3. In common use areas and individual living units in all residential occupancies except hotels and motels; and
- 4. In lobbies and other common use areas of motels and hotels but not in individual sleeping rooms.

SECTION 11. Ind 64.22 (8) is created to read:

Ind 64.22 (8) FLOOR-STANDING VENTED OR UNVENTED EQUIPMENT. Floor-standing, vented or unvented unit heaters, furnaces and boilers in metal fabricating plants, foundries and machine shops are exempt from the requirements of s. Ind 54.14.

SECTION 12. Ind 64.42 (1) (intro) is amended to read:

Ind 64.42 (1) REQUIRED FIRE DAMPERS AND FIRE CURTAIN DOORS. All heating and ventilating ducts except underground ducts <u>used with counterflow or downflow heating equipment</u>, which terminate at or pierce code-required, hourly rated wall, floor or floor-ceiling assemblies as specified in Table 51.03-A and rated enclosures shall be protected as follows:

SECTION 13. Ind 64.42 (1) (a) is amended to read:

Ind 64.42 (1) (a) One-hour rated assemblies and enclosures shall be protected with 1-1/2 hour rated fire dampers where continuous steel ductwork to the air handling device is not provided for at least 6 feet on either side of the assembly or enclosure;

SECTION 14. Ind 64.48 (2) (f) is created to read:

Ind 64.48 (2) (f) Equipment Listed With Venting System. Venting systems included with the listing of the heating appliance may be used subject to the requirements and limitations of the listing.

SECTION 15. Ind 64.61 (1) is amended to read:

Ind 64.61 (1) SCOPE. This classification includes all areas where motor-driven vehicles are repaired involving the fuel system components or requiring the operation of the internal combustion engine.

SECTION 16. Ind 64.63 (2) (b) Note #1 is repealed.

[Note to Revisor: Please delete "#2" in remaining note since Note #1 is now repealed.]

SECTION 17. Ind 64.64 (Title) and (1) are amended to read:

Ind 64.64 VEHICLE SHOWROOM. (1) SCOPE. This classification includes all vehicle showrooms with offices and occupancies unless designed as part of the vehicle garage adjacent to repair or storage areas where all vehicles displayed in the showroom are without batteries and fuel tanks are empty and free of fumes.

SECTION 18. Ind 64.65 (3) (b) 1. is amended to read:

Ind 64.65 (3) (b) 1. 'Exception.' Mechanical exhaust ventilation may be omitted from toilet rooms or bathrooms having one water closet or urinal except in taverns and restaurants, or from janitor closets having one service sink or receptor, where an approved ductless air circulating and treatment device is provided.

Note: The Department of Health and Social Services prohibits the use of ductless air circulating and treatment devices in licensed hospitals and nursing homes.

SECTION 19. Ind 64.67 (2) (b) is repealed and recreated to read:

Ind 64.67 (2) (b) Required Exhaust Hood. Exhaust hoods shall be required where frying, including deep-fat frying and surface frying, or broiling or both is conducted as part of a regular commercial operation involving ranges, griddles, fryers, broilers and similar grease-producing equipment.

SECTION 20. Ind 64.67 (4) (b) 3. is amended to read:

Ind 64.67 (4) (b) 3. 'Slotted-Type Hood.' V = 350 feet per minute through the slot opening. The slot shall be at least 3 inches in width and shall extend around the open sides of the hood.

EFFECTIVE DATE

Pursuant to s. 227.026 (1) (intro), Stats., these rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register.