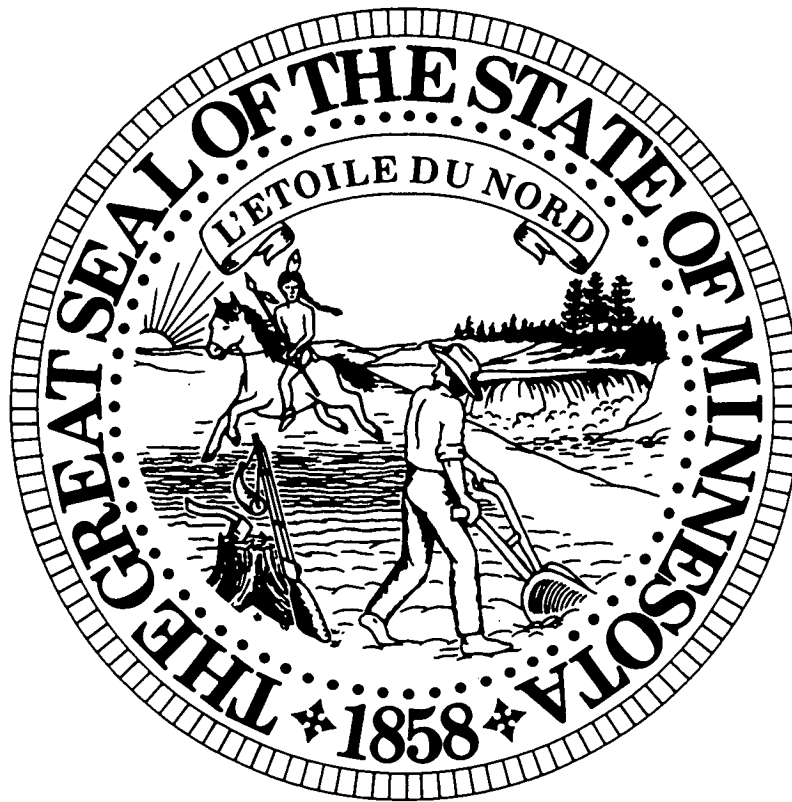


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Department of Administration—Print Communications Division



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State Register

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The *State Register* is the official publication of the State of Minnesota, containing executive and commissioners' orders, proposed and adopted rules, official and revenue notices, professional-technical-consulting contracts, non-state bids and public contracts and grants.

A *Contracts Supplement* is published Tuesday, Wednesday and Friday and contains bids and proposals for commodities, including printing bids.

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26	Tuesday 27 December	Monday 12 December	Monday 19 December
27	Tuesday 3 January	Friday 16 December	Friday 23 December
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Contact: Senate Public Information Office (612) 296-0504
Room 231 State Capitol, St. Paul, MN 55155

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Contact: House Information Office (612) 296-2146
Room 175 State Office Building, St. Paul, MN 55155

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Commodities and requisitions are advertised in the *State Register Contracts Supplement*, published every Tuesday, Wednesday and Friday.

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“Commodity Contract Awards Reports” are published every two weeks, and “Professional-Technical-Consulting Contract Awards Reports” are published monthly. Both are available through Minnesota’s Bookstore, (612) 297-3000 or 1-800-657-3757.

Individual awards can be obtained from the **Materials Management Helpline** 612/296-2600.

Minnesota Rules: Amendments and Additions

NOTICE: How to Follow State Agency Rulemaking in the *State Register*

The *State Register* is the official source, and only complete listing, for all state agency rulemaking in its various stages. State agencies are required to publish notice of their rulemaking action in the *State Register*. Published every Monday, the *State Register* makes it easy to follow and participate in the important rulemaking process. Approximately 75 state agencies have the authority to issue rules. Each agency is assigned specific *Minnesota Rule* chapter numbers. Every odd-numbered year the *Minnesota Rules* are published. This is a ten-volume bound collection of all adopted rules in effect at the time. Supplements are published to update this set of rules. Proposed and adopted emergency rules do not appear in this set because of their short-term nature, but are published in the *State Register*.

If an agency seeks outside opinion before issuing new rules or rule amendments, it must publish a NOTICE OF INTENT TO SOLICIT OUTSIDE OPINION in the *Official Notices* section of the *State Register*. When rules are first drafted, state agencies publish them as **Proposed Rules**, along with a notice of hearing, or notice of intent to adopt rules without a hearing in the case of noncontroversial rules. This notice asks for comment on the rules as proposed. Proposed emergency rules and withdrawn proposed rules are also published in the *State Register*. After proposed rules have gone through the comment period, and have been rewritten into their final form, they again appear in the *State Register* as **Adopted Rules**. These final adopted rules are not printed in their entirety in the *State Register*, only the changes made since their publication as Proposed Rules. To see the full rule, as adopted and in effect, a person simply needs two issues of the *State Register*, the issue the rule appeared in as proposed, and later as adopted. For a more detailed description of the rulemaking process, see the *Minnesota Guidebook to State Agency Services*.

The *State Register* features partial and cumulative listings of rules in this section on the following schedule: issues 1-13 inclusive; issues 14-25 inclusive; issue 26, cumulative for issues 1-26; issues 27-38 inclusive; issue 39, cumulative for 1-39; issues 40-51 inclusive; and issue 52, cumulative for 1-52. An annual subject matter index for rules appears in August. For copies of the *State Register*, a subscription, the annual index, the *Minnesota Rules* or the *Minnesota Guidebook to State Agency Services*, contact the Print Communications Division, 117 University Avenue, St. Paul, MN 55155 (612) 297-3000 or toll-free in Minnesota 1-800-657-3757.

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Adopted Rules

The adoption of a rule becomes effective after the requirements of Minn. Stat. §§14.14-14.28 have been met and five working days after the rule is published in *State Register*, unless a later date is required by statutes or specified in the rule.

If an adopted rule is identical to its proposed form as previously published, a notice of adoption and citation to its previous *State Register* publication will be printed.

If an adopted rule differs from its proposed form, language which has been deleted will be printed with strikeouts and new language will be underlined. The rule's previous *State Register* publication will be cited.

An emergency rule becomes effective five working days after the approval of the Attorney General as specified in Minn. Stat. §14.33 and upon the approval of the Revisor of Statutes as specified in §14.36. Notice of approval by the Attorney General will be published as soon as practicable, and the adopted emergency rule will be published in the manner provided for adopted rules under §14.18.

Department of Administration

Adopted Permanent Rules Relating to the Minnesota Building Code

The rules proposed and published at "State Register," Volume 19, Number 10, pages 514-544, September 6, 1994 (19 SR 514), are adopted with the following modifications:

Rules as Adopted

1300.2400 DEFINITIONS.

~~Subp. 3a. **Balcony, exterior residential.** "Balcony, exterior residential" means a balcony not greater than 100 square feet in area with a floor level more than 30 inches above grade that serves a private dwelling, apartment, or hotel guest room.~~

Subp. 6. **Code.** "Code" means the Minnesota State Building Code adopted under *Minnesota Statutes*, section 16B.61, subdivision 1, and includes the following chapters of *Minnesota Rules*:

~~P. 1361, Industrialized/Modular Buildings;~~

~~Q. 365, Snow Loads;~~

~~R. Q. 1370, Storm Shelters (Manufactured Home Parks);~~

~~S. R. 4715, Minnesota Plumbing Code; and~~

~~T. S. 7670, Minnesota Energy Code.~~

See part 1300.2900 for those chapters that may be adopted at the option of a municipality which has adopted the code.

~~Subp. 6a. **Deck, residential.** "Deck, residential" means a deck greater than 100 square feet in area or 30 inches or less above grade that serves a private dwelling, apartment, or hotel guest room.~~

1300.4100 SPACE FOR COMMUTER VANS.

Every parking ramp or other parking facility must include spaces for the parking of motor vehicles having a capacity of seven to 16 persons. The number of required spaces must be determined by two percent of the gross designed parking area with a minimum of two spaces. The minimum vertical clearance of to and within required spaces is 98 inches.

1300.4500 ROOF ACCESS.

Unless specifically exempted by the building official due to space limitation, roof height above grade or other special considerations, buildings on which any heating, air conditioning, or refrigeration equipment is hereafter installed on the roof, which equipment will require periodic inspection, service, and maintenance in accordance with the Minnesota State Mechanical Code, chapter 1346, must meet the requirements in items A to C:

A. A stairway complying with UBC Chapter 10 or a stair leading to a scuttle or bulkhead in the roof having such equipment must be provided to make the equipment safely accessible. The stair leading to the scuttle or bulkhead must be placed at an angle of not more than 60 degrees measured from the horizontal with flat treads not less than six inches in width and a minimum length of 24 inches at the tread. No riser may be more than nine inches and handrails must be provided on both sides of the access stairs. The opening of the scuttle or bulkhead must not be less than nine square feet in area with the a minimum dimension being not less than two feet. This required access may not be located in or pass through the elevator shaft or elevator machine room.

1300.4700 RECYCLING SPACE.

Subp. 4. **Minimum space.** Space designated for recycling must be sufficient to contain all the recyclable materials generated from the building. The minimum amount of recycling space required must be the number of square feet determined by multiplying

the gross square feet of floor areas assigned to each use within a building as set forth in subpart 6 5, Table 1-A, times the corresponding factor.

Subp. 5. ~~Local requirements. Nothing in this part prohibits local jurisdictions from increasing the minimum recycling space requirements.~~

Subp. 6: TABLE 1-A MINIMUM RECYCLING SPACE REQUIREMENTS.

	USE ¹	FACTOR
1.	Aircraft hangars (no repair)	.001
2.	Auction rooms	.0025
3. ²	Auditoriums, reviewing stands, stadiums, gymnasiums, public swimming pools, skating rinks	.001
4.	Lodge rooms, conference rooms, lounges, stages, exhibit rooms	.0025
5.	Dance floors, churches ³ and chapels, lobby accessory to assembly areas ³ , waiting areas	.001
6.	Dining rooms	.003
7. ³	Drinking establishments	.004
8. ³	Bowling alleys (excluding lanes)	.0025
9. ³	Children's homes and homes for the aged	.0025
10.	Classrooms	.002
11.	Courtrooms	.001
12.	Dormitories	.0025
13.	Exercise rooms	.001
14.	Garages, parking	.001
15. ³	Hospitals and sanitariums, nursing homes	.0025
16. ³	Hotels	.002
17.	Apartments	.0025
18.	Kitchens - commercial	.003
19. ³	Libraries	.002
20.	Locker rooms	.001

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	USE ¹	FACTOR
21.	Malls	.0025
22.	Manufacturing areas	.0025
23.	Mechanical equipment rooms	.001
24. ³	Nurseries for children (day care)	.002
25.	Offices	.0025
26.	School shops and vocational rooms	.0025
27.	Storage and stock rooms	.0025
28.	Warehouses	.001
29.	All others	.0025

Footnotes:

¹ The area of a use must include all areas serving or accessory to a use (corridors, accessory use areas, etc.).

² Exclude playing areas, courts, fields, and like areas.

³ Assembly uses must be determined in accordance with Table 1-A.

For buildings with mixed uses, each use within the building must be evaluated separately. The factors for these uses are intended to include all incidental uses typical of these types of facilities.

If the provisions of Table 1-A are excessive due to a specific use, space for recycling may be considered individually by the administrative authority.

1300.4900 SPECIAL EGRESS DEVICES.

Subpart 1. **Group E, Division 1 occupancies.** If approved by the building official, exit doors in a Group E, Division 1 occupancy or portions of a Group E, Division 1 occupancy, may be equipped with approved, listed egress-control devices of access-control type, provided the building is equipped throughout with an approved, supervised automatic fire alarm and smoke-detection system and the Group E, Division 1 occupancy or portion of the Group E, Division 1 occupancy is protected by an approved automatic fire sprinkler system.

These devices must:

A. automatically deactivate upon activation of any of the following:

(3) the fire alarm trouble signal; ~~and~~

B. automatically deactivate upon loss of electrical power to any of the following:

(3) the smoke detection system; ~~or~~

C. ~~provide for the doors to remain unlocked until the fire-protective signaling system has been manually reset regardless of the means of deactivation, be relocked by manual means only at the door;~~

Subp. 2. **Group A occupancy in conjunction with Group E, Division 1, occupancy.** If approved by the building official, exit doors serving Group A occupancies in conjunction with a Group E, Division 1, occupancy may be equipped with approved, listed, egress-control devices of access-control type, provided the building is equipped throughout with an approved, supervised automatic fire alarm and smoke-detection system and the Group A occupancy or portion of the Group A occupancy is protected by an approved automatic fire sprinkler system.

These systems must be installed so as to:

B. automatically deactivate the egress-control device upon activation of any of the following:

(2) the smoke-detection system; ~~or~~

(3) the fire alarm trouble signal;

and provide that the doors remain unlocked until the fire-protective signaling system has been manually reset be relocked by manual means only at the door;

C. automatically deactivate the egress-control device upon loss of electrical power to any of the following:

(3) the smoke detection system; or

1300.5100 USE OF BUILDINGS BY LOWER GRADES.

Subpart 1. **Buildings equipped with complete automatic sprinkler and fire alarm systems.** Rooms occupied by preschool, kindergarten, and first and second grade students for classrooms, latchkey, day care, early childhood family education, teen parent, or similar programs may be located on any floor level below the fourth story of a school building if the building is protected throughout by a complete an approved automatic sprinkler system and a complete automatic fire alarm system consisting of automatic smoke detection throughout the exit system and approved smoke detection in all rooms and areas other than classrooms and offices.

Subp. 2. **Other buildings.** Rooms used by preschool, kindergarten, or first grade students for classrooms, latchkey, day care, early childhood family education, teen parent, or similar programs, must be located on the story of exit discharge, and rooms used by second grade students, for any purpose, must be located on the story of exit discharge or one story above unless one of the following conditions is met:

A. a complete an approved automatic sprinkler system is provided throughout the building, the use of the affected room or space is limited to one grade level at a time, and exiting is provided from the affected room or space which is independent from the exiting system used by older students; or

Subp. 3. **Accessory spaces.** Accessory spaces, including gymnasiums, cafeterias, media centers, auditoriums, libraries, and band and choir rooms, which are used on an occasional basis by preschool, kindergarten, and first and second grade students are permitted to be located one level above or one level below the story of exit discharge, if the building is protected throughout by a complete an approved automatic sprinkler system or a complete approved corridor smoke detection system.

1300.5300 CORRIDOR CONSTRUCTION.

Subpart 1. **Group B and M occupancies.** In existing Type I and II-F.R. buildings housing Group B and M occupancies, corridor walls may be of approved wired glass set in metal frames. The glass height must not exceed two-thirds of the width of the corridor. A draft curtain of at least one-hour fire-resistive construction and not less than 24 inches in height must be provided to protect the corridor from the Group B or M occupancy area (tenant space). The draft curtain must be located above the glass and extend a minimum of 24 inches below any finished ceilings in the tenant space. If the finished ceiling is not a fire-rated assembly, the draft curtain must extend from the wire glass to a rated ceiling or floor assembly. When the Group B or M occupancy area (tenant space) is protected by an approved automatic ~~fire extinguishing~~ sprinkler system for a distance of 12 feet in depth adjoining the corridor, and the corridor is not less than 12 feet in width, glass other than wired glass may be approved. Open grille-type gates and similar enclosing or security devices may be used in corridor walls of corridors not less than 12 feet in width, when the entire story is protected by an approved ~~fire extinguishing~~ automatic sprinkler system.

In existing buildings of other than Type I or of Type II-F.R. construction, this exception is not permitted, unless the entire building is provided with an approved automatic ~~fire extinguishing~~ sprinkler system.

Subp. 2. **Group I, Division 1.1 occupancies.** In hospital and nursing home occupancies (I-1.1) doors entering sleeping rooms from a corridor need not be constructed or maintained as self-closing or automatic-closing when the building is equipped with an approved ~~complete~~ automatic ~~fire extinguishing~~ sprinkler system.

1305.0106 SECTION 106, WORK EXEMPT FROM BUILDING PERMIT PERMITS.

Subpart 1. Section 106.2 Work Exempt from Permit. ~~UBC~~ Section 106.2 of the UBC is amended by the addition of item 12 to read as follows:

12. Agricultural buildings as defined in *Minnesota Statutes*, section 16B.60, subdivision 5.

Subp. 2. Section 106.3.2 Submittal documents. Section 106.3.2 of the UBC, the first paragraph, is amended to read as follows:

106.3.2 Submittal documents. Plans, specifications, engineering calculations, diagrams, soil investigation reports, special inspection and structural observation programs, and other data shall constitute the submittal documents and shall be submitted in one or

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more sets with each application for a permit. The building official may require that the plans or other data be prepared in accordance with the rules of the Board of Architecture, Engineering, Land Surveying, Landscape Architecture, and Interior Design, Minnesota Rules, chapter 1800, and Minnesota Statutes, sections 326.02 to 326.15, and other state laws relating to plan and specification preparation by occupational licenses.

1305.0904 TABLE NO. 9-A.

UBC Table No. 9-A is amended as follows:

Item No. 2 under the occupancy column of Table No. 9-A is amended to read as follows:

Occupancies three stories or more but less than 150 feet in height, except Group R Division 3². Class II standpipes are not required in Group E or Group R-1 occupancies.

UBC Table No. 9-A is amended by adding footnotes 8 and 9 to item No. 2 to read as follows:

⁸ In municipalities that have adopted the special fire protection system criteria specified in Minnesota Rules, chapter 1306, the number of stories must be four or more.

² If an approved automatic fire extinguishing system required by section 904 is installed, the number of stories must be four or more.

1305.1004 SECTION 1004.5 SPECIAL EGRESS CONTROL DEVICES.

UBC Section 1004.5 is amended in the first paragraph by changing the designation "Group I, Division 2" to "Group I Division 1.1."

1305.1009 SECTION 1009 STAIRWAY, RAMP, AND ESCALATOR ENCLOSURES.

UBC Section 1009.7, Pressurized Enclosure, is amended by deleting the last sentence and replacing it with the following:

The minimum design pressure difference within the enclosure shall be 0.15 inch water gage positive pressure relative to atmospheric pressure with all doors closed.

UBC Section 1009.8, Vestibules, is deleted in its entirety.

1305.1019 SECTION 1019.6 HARDWARE, GROUP I OCCUPANCIES.

UBC Section 1019.6 is amended to read as follows:

1019.6, Hardware.

1. Exit doors serving an area having an occupant load of 50 or more shall not be provided with a latch or lock unless it is panic hardware.

2. Patient use room doors shall be readily openable from either side without the use of keys.

Exception: A key locking devices or a device that functions like a key that restricts restricts access to the room from the corridor and that are is operable only by staff from the corridor side shall be permitted. Such devices shall not restrict egress from the room.

3. If approved by the building official and where the clinical needs of the patients require specialized security measures for their safety, door locking arrangements are permitted in Group I occupancies or portions of Group I occupancies provided:

3.1 keys or devices that function like keys are carried by staff at all times;

3.2 in at least one egress path, not more than one such arrangement is located in any egress path;

3.3 the Group I occupancy or portion of the Group I occupancy is protected by an approved automatic sprinkler system, an approved automatic smoke-detection system, and an approved fire alarm system;

3.4 locking devices automatically deactivate unlock upon activation of any of the following:

(a) automatic sprinkler system;

(b) automatic smoke detection system;

(c) automatic fire alarm system; or

upon loss of electrical power;

3.5 locking devices can be remotely deactivated unlocked from an approved location within the secured area;

3.6 the secured area has an occupant load of less than 50; and there is no public assembly space within the secured area;

3.7 24-hour patient supervision is provided within the secured area;

3.8 relocking of the locking devices is by manual means only at the door; and

3.9 locking devices are designed to fail in the open position.

4. In Group I, Division 3 occupancies, approved locks or safety devices may be used where it is necessary to forcibly restrain the personal liberties of inmates or patients.

1305.1704 SECTION 1704, PREFABRICATED CONSTRUCTION.

UBC Section 1704 is deleted and replaced with the following:

1704.1 General. Prefabricated construction shall comply with *Minnesota Rules*, chapter 1360 ~~or 1361~~ as applicable.

Pollution Control Agency

Adopted Permanent Rules Relating to Control Equipment

The rules proposed and published at "State Register," Volume 19, Number 1, pages 44-74, July 5, 1994 (19 SR 44), are adopted with the following modifications:

Rules as Adopted

7007.0100 DEFINITIONS.

Subp. 12b. **Listed control equipment.** "Listed control equipment" has the meaning given in part 7011.0060, subpart 3 4.

Subp. 28. 12-month rolling sum. "12-month rolling sum" means a monthly calculation where the owner or operator of a stationary source calculates a one month total and adds it to the sum of each month's total for the previous 11 consecutive months.

7007.0150 PERMIT REQUIRED.

Subp. 4. **Calculation of potential to emit.**

B. To make the determination of whether a permit is required, the owner or operator of a stationary source shall use the potential to emit calculation method described in item A. To determine what type of permit is required, if a permit is required ~~under item A~~, the control equipment efficiency determined by part 7011.0070 for listed control equipment at a stationary source may be used in calculating ~~potential to emit~~ controlled emissions if the owner or operator is in compliance with parts 7011.0060 to 7011.0080.

7007.0300 SOURCES NOT REQUIRED TO OBTAIN A PERMIT.

Subpart 1. **No permit required.** The following stationary sources are not required to obtain a permit under parts 7007.0100 to 7007.1850:

B. notwithstanding parts 7007.0200 and 7007.0250, any stationary source that would be required to obtain a permit solely because it is subject to one or more of the following new source performance standards:

(3) *Code of Federal Regulations*, title 40, part 60, subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction or Modification Commenced after July 23, 1984 (incorporated by reference at part 7011.1520, item C), if all storage vessels subject to this standard at the stationary source each have a capacity greater than or equal to 40 cubic meters and less than 75 cubic meters; and

(4) *Code of Federal Regulations*, title 40, part 60, subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (incorporated by reference at part 7011.0570), if all steam generating units subject to this standard at the stationary source are only capable of combusting natural gas; ~~and~~

C. notwithstanding parts 7007.0200 and 7007.0250, any stationary source that would be required to obtain a permit solely because it is subject to *Code of Federal Regulations*, title 40, part 61, subpart M, National Emission Standard for Hazardous Air Pollutants for Asbestos, section 61.145, Standard for Demolition and Renovation (incorporated by reference at part 7011.9920); ~~and~~

D. any stationary source with only emissions units listed as insignificant activities in part 7007.1300, subparts 2 and 3, if the following requirements are met by the owner or operator:

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(1) the records are maintained that demonstrate that a permit is not required; and

(2) the records are kept at the stationary source and are made available for examination and copying by the commissioner or a representative of the commissioner.

7007.0500 CONTENT OF PERMIT APPLICATION.

Subp. 2. **Information included.** Applicants shall submit the following information as required by the standard application form:

C. The following emissions-related information:

(3) A permit application shall identify and describe each emission point in sufficient detail to verify the applicability of all applicable requirements. This shall include the location of all emission points, and the location of all emissions units and processes venting through each emission point. In addition, if the exhaust gas flow rate and temperature, and the stack height and diameter of an emission point are needed to determine applicability of or show compliance with any applicable requirement, this information shall be provided. For stationary sources that are major sources according to part 7007.0200, subpart 2, item A, the exhaust gas flow rate and temperature and stack height and diameter shall be provided for all emission points. For stationary sources that are major sources of sulfur dioxide, particulate matter less than ten microns, or nitrogen oxides according to part 7007.0200, subpart 2, items B and C, the exhaust gas flow rate and temperature, and stack height and diameter shall be provided for all emission points of the pollutant or pollutants for which the source is major.

(4) A permit application shall identify rates of each regulated air pollutants pollutant and each hazardous air pollutants pollutant that ~~are~~ is not yet a regulated air ~~pollutants pollutant,~~ pollutant, as defined in part 7007.0100, subpart 19, emitted in tons per year from the stationary source as a whole; ~~and also.~~ A permit application shall identify rates, in tons per year, and in such terms as are necessary to establish compliance consistent with the applicable standard reference test method for each emissions unit subject to an applicable requirement. The application shall provide this information for potential emissions, as defined in part 7005.0100, subpart 35a. The application shall also include the emissions limits that will be imposed on the stationary source by applicable requirements.

(5) A permit application shall provide the information on actual emissions for the preceding calendar year required in this subitem.

(a) The permittee shall provide actual emission rates, in tons per year, of criteria pollutants unless; ~~in the preceding year,~~ the permittee has submitted an emissions inventory as required by parts 7019.3000 and 7019.3010.

(b) For stationary sources that are major sources under part 7007.0200, subpart 2, ~~item B or C,~~ the permittee shall provide actual emission rates, in total tons per year, or if emissions of a hazardous air pollutant are less than one ton per year, in pounds per year, of each hazardous air pollutant for the stationary source as a whole.

7007.1110 REGISTRATION PERMIT GENERAL REQUIREMENTS.

Subp. 3. **Registration permit application.** Items A to D apply to registration permit applications submitted under parts 7007.1110 to 7007.1130.

A. The owner or operator of a stationary source must apply for a registration permit prior to the applicable deadline in parts 7007.0350 and 7007.0400. If the owner or operator has submitted a complete application for a state, part 70, or general permit prior to the application deadline in part 7007.0350 or 7007.0400 and is eligible for a registration permit, then the owner or operator may apply for a registration permit and shall request to have the original application voided.

Subp. 4. **Registration permit certifications.** All registration permit applications, reports, and record keeping, testing, or monitoring submittals to the commissioner under parts 7007.1110 to 7007.1130 shall include a certification made by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certification that is submitted ~~by the owner or operator~~ with a registration permit application must additionally state that the stationary source will be operated in compliance with all applicable requirements, and shall be signed by a responsible official of both the owner and the operator of the stationary source if they are not the same.

Subp. 6. **Registration permit content.** A registration permit shall identify the stationary source, the owner and operator of the stationary source, where the stationary source is allowed to operate, and shall state as follows: "The permittee shall comply with *Minnesota Rules*, part 7007.1110, part [insert 7007.1115, 7007.1120, 7007.1125, or 7007.1130, whichever one applies], and all applicable requirements."

Subp. 7. **Registration permit compliance requirements.** The owner and operator of the stationary source issued a registration permit, shall comply with:

A. this part including the general conditions in subpart ~~20~~ 21;

Subp. 10. **Changes or modifications at stationary sources issued registration permits that trigger certain new source per-**

formance standards. If a change or modification made at a stationary source issued a registration permit results in the stationary source being subject to a new source performance standard listed under subpart 2, item B, or if the change or modification adds an emissions unit subject to the standards listed in part 7007.0300, the owner or operator must submit to the commissioner:

C. with the notice in item A, a copy of the applicable new source performance standard, with the applicable portions of the new source performance standard (NSPS) highlighted (including applicable parts of *Code of Federal Regulations*, title 40, part 60, subpart A, General Provisions), or an NSPS checklist form provided by the commissioner that identifies applicable portions of the new source performance standard.

Subp. 11. Change rendering stationary source ineligible for a registration permit or that changes the applicable registration permit option. If the owner or operator makes a change at a stationary source issued a registration permit which increases emissions, including a change described in subpart 10, and results in the stationary source no longer being able to qualify for or meet the requirements for its registration permit, and the change is not a modification, as defined in part 7007.0100, subpart 14, then the owner or operator must:

B. if the change results in the requirement for the submittal of a registration permit application under a different option, then the registration permit application shall be submitted with the 30-day notice required under item A, or within 90 180 days of making the change, submit the required part 70, state, or general permit application.

If the owner or operator fails to submit the required permit application in the time required by this subpart, the owner or operator shall lose its right to operate the stationary source and shall be considered to be in violation of part 7007.0150, subpart 1. Once a stationary source has made a change rendering it ineligible for all registration permit options under parts 7007.1110 to 7007.1130, the stationary source may only become eligible for a registration permit again if it meets the requirements of subpart 14.

Subp. 15. Change of ownership or control of stationary source issued a registration permit. Prior to a change in the ownership or control of a stationary source issued a registration permit under parts 7007.1110 to 7007.1130, the new owner or operator must apply for and obtain a registration permit for the stationary source submit a change of ownership form provided by the commissioner. If the commissioner determines that the owner or operator meets the requirements of parts 7007.1110 to 7007.1130 for registration permit issuance, then the commissioner shall issue the registration permit to the new owner or operator.

Subp. 20. Operation in more than one location. If requested by the applicant, the registration permit may allow a stationary source to be operated in more than one location. If more than one location is proposed by the permittee, the permittee shall:

A. include in the application an identification of all geographic areas where the stationary source is authorized to operate during the course of the permit; and

B. notify the commissioner at least ten days in advance of each change in location, providing the exact location where the source will operate.

Subp. 21. Registration permit; general conditions. Registration permits issued by the commissioner under parts 7007.1110 to 7007.1130 shall include the general conditions in items A to O, which are included in the permit by reference to part 7007.1110 as a whole.

Subp. ~~21~~ 22. Parts that do not apply to registration permits. Parts 7007.0500 to 7007.0950; 7007.1000, subpart 1; 7007.1100; 7007.1150 to 7007.1250; 7007.1350 to 7007.1650; and 7007.1800 do not apply to registration permits under parts 7007.1110 to 7007.1130.

7007.1115 REGISTRATION PERMIT OPTION A.

Subp. 2. Application content. An application for a registration permit under this part must contain the following:

C. a copy of the applicable new source performance standards (NSPS) listed in part 7007.1110, subpart 2, item B, with the applicable portions of the standards highlighted, including applicable parts of *Code of Federal Regulations*, title 40, part 60, subpart A, General Provisions, or an NSPS checklist form provided by the commissioner, for each affected facility as defined in *Code of Federal Regulations*, title 40, section 60.2.

Insignificant activities at the stationary source listed in part 7007.1300 are not required to be included in the application.

7007.1120 REGISTRATION PERMIT OPTION B.

Subpart 1. Eligibility. The owner or operator of a stationary source may apply for a registration permit under this part if:

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A. the stationary source purchases or uses less than 2,000 gallons of VOC-containing materials ~~in any on a 12-month period~~ rolling sum basis;

B. the only emissions from the stationary source are from VOC-containing materials, ~~fugitive emissions from roads or parking lots~~; or are from insignificant activities under part 7007.1300; and

C. the owner or operator does not anticipate making changes in the next 12 months which will cause the stationary source to purchase or use 2,000 gallons or more of VOC-containing materials ~~in any on a 12-month period~~ rolling sum basis.

Subp. 2. **Application content.** An application for a registration permit under this part must contain the following:

C. a copy of the applicable new source performance standards (NSPS) listed in part 7007.1110, subpart 2, item B, with the applicable portions of the standards highlighted, including applicable parts of *Code of Federal Regulations*, title 40, part 60, subpart A, General Provisions, or an NSPS checklist form provided by the commissioner, for each affected facility as defined in *Code of Federal Regulations*, title 40, section 60.2;

E. for stationary sources in operation on the effective date of this part, the gallons of VOC-containing materials purchased or used ~~in the on a 12-month period preceding the application~~ rolling sum basis. If the stationary source has not been operated, the owner or operator shall estimate the gallons of VOC-containing materials that will be purchased or used ~~over on a 12-month period~~ rolling sum basis during normal operation using a worksheet provided by the ~~agency~~ commissioner. If the stationary source has been operated less than 12 months on the effective date of application under this part, the owner or operator shall calculate gallons of VOC-containing materials purchased or used by multiplying 12 months by the larger of the two following monthly averages:

Subp. 3. **Compliance requirements.** The owner or operator of a stationary source issued a registration permit under this part shall:

B. recalculate and record each month ~~for the previous 12 months the total amount~~ 12-month rolling sum of VOC-containing materials purchased or used (whichever was stated in the permit application), the date the calculation was made, and the calculation itself;

C. record qualification monthly by comparing the 12-month rolling sum for the purchase or use (whichever was stated in the permit application) ~~less than 2,000 gallons of VOC-containing materials in any 12-month period to the 2,000 gallon limit~~;

7007.1125 REGISTRATION PERMIT OPTION C.

Subpart 1. **Eligibility.** The owner or operator of a stationary source may apply for a registration permit under this part if the stationary source consists of only indirect heating units (boilers), reciprocating internal combustion engines, ~~fugitive emissions from roads and parking lots~~; and/or VOC emissions from use of VOC-containing materials, and meets the following criteria:

D. the 12-month rolling sum of calculations determined under calculations 1, 2A, 2B, and 3 in subpart 4 is less than 100; and

E. the owner or operator does not anticipate making changes in the next 12 months which will cause the ~~sum of calculations determined under calculations 1, 2A, 2B, and 3 in subpart 4 to exceed 100~~ stationary source to be ineligible for this type of registration permit as set forth under items A to D.

Subp. 2. **Application content.** An application for a registration permit under this part must contain the following:

C. a copy of the applicable new source performance ~~standard or standards~~ (NSPS) listed in part 7007.1110, subpart 2, item B, with the applicable portions of the standards highlighted, including applicable parts of *Code of Federal Regulations*, title 40, part 60, subpart A, General Provisions, or an NSPS checklist form provided by the commissioner, for each affected facility as defined in *Code of Federal Regulations*, title 40, section 60.2;

E. the calculations required by subpart 4. If the stationary source has not been operated, the owner or operator shall estimate the gallons of VOC-containing materials, amount of fuels burned and hours of operation ~~for on a 12-month period~~ rolling sum basis during normal operation in performing the calculations required in subpart 4. If the stationary source has been operated less than 12 months on the effective date of application under this part, the owner or operator shall perform the calculation in subpart 4 by calculating gallons of VOC-containing materials purchased or used, amount of fuels purchased or used, or hours of operation by multiplying by 12 the larger of the following:

Subp. 3. **Compliance requirements.** The owner or operator of a stationary source issued a registration permit under this part shall comply with all of the requirements in items A to ~~F~~ I.

A. If the stationary source qualified in the permit application, in whole or in part, by calculating VOC actual emissions from VOC-containing materials purchased or used (whichever was stated in the permit application) in calculation 3 in subpart 4, the owner or operator must:

(1) record each month, the amount of each VOC-containing material purchased or used (whichever was stated in the permit application), and the maximum VOC content;

(3) using calculation 3 in subpart 4, recalculate and record each month ~~for the previous 12 months~~ 12-month rolling sum of the actual VOC emissions from all VOC-containing materials purchased or used (whichever was stated in the permit application), ~~using calculation 3 in subpart 4~~, the date the calculation was made, and the calculation itself.

B. If the stationary source qualified in the permit application, in whole or in part, by using fuel burned in calculation 1 or 2A in subpart 4, the owner or operator must, ~~for each emission unit included in calculation 1 or 2A~~:

(1) for each unit type, record each month the 12-month rolling sum of the amount of each fuel purchased or used (whichever was stated in the permit application);

(3) using calculations 1 and 2A in subpart 4, for each unit type, recalculate and record each month the 12-month rolling sum of emissions for the preceding 12 months using calculations 1 and 2A of subpart 4, the date the calculation was made, and the calculation itself.

C. If the stationary source qualified in the permit application, in whole or in part, by using hours of operation in calculation 2B in subpart 4, the owner or operator must, for each emissions unit included in calculation 2B:

(2) using calculation 2B in subpart 4, recalculate and record each month the 12-month rolling sum of emissions for each emissions unit for the preceding 12 months using calculation 2B in subpart 4, the date the calculation was made, and the calculation itself.

D. The owner or operator must add together and record each month the 12-month rolling sum of the calculations made in items A to C.

F. The ~~number~~ 12-month rolling sum determined by the calculation in item D shall not exceed 100 ~~in any 12-month period~~.

J. The owner or operator shall keep the following information on site for emission points venting emission units included in subpart 4, calculation 1, which burn coke, wood, bark, number 5 or 6 residual oil, or number 4 distillate oil:

(1) the location of the emission points;

(2) the potential emissions, as defined in part 7007.0150, subpart 4, item A, in pounds per hour of sulfur dioxide and PM-10; and

(3) the gas flow rate and temperature, stack height, and diameter.

Subp. 4. **Tables and calculations.** The tables and calculations in this subpart shall be used to determine whether a stationary source is eligible for a registration permit under this part. For the purposes for fuel specifications listed in calculations 1 and 2A, the Annual Book of American Society for Testing and Materials Standards (ASTM), 1916 Race Street, Philadelphia, PA, 19103-1187, volumes 4.05, 5.01, 5.03, and 5.05 (1993) are incorporated by reference. ASTM is the author and publisher. These publications are available through the Minitex interlibrary loan system (University of Minnesota Library). These documents are subject to frequent change.

Calculation 1. Indirect Heating Emissions Units. For stationary sources with indirect heating emissions units, multiply the ~~amount~~ 12-month rolling sum of each fuel used for the previous 12-month period, by the multiplication factor (MF) listed in Table 1. ~~For each indirect heating emissions unit burning two or more different types of fuels, the owner or operator shall perform this calculation for each fuel burned and~~ Add the results of all the calculations to arrive at the calculation 1 total. The following formula determines the calculation 1 total:

STEP 1: fuel type used (in units specified) x MF = ~~unit fuel type~~ total

STEP 2: ~~unit fuel type~~ 1 total + ~~unit fuel type~~ 2 total + ... ~~unit fuel type~~ n total = Calculation 1 total

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TABLE 1

FUEL USED (units burned/year)-[specification]	SULFUR LIMIT	MULTIPLICATION FACTOR (MF)
anthracite coal (tons)-[ASTM D 388(Vol 05.05)]	2.38%	4.64E-02
bituminous coal (tons)-[ASTM D 388(Vol 05.05)]	2.10%	4.10E-02
sub bituminous coal (tons)-[ASTM D 388 (Vol 05.05)]	1.66%	2.91E-02
lignite A coal (tons)-[ASTM D 388(Vol 05.05)]	1.26%	1.89E-02
petroleum coke (tons)-[ASTM C 1160(Vol 04.05)]	2.33%	4.55E-02
untreated domestic wood and bark (tons)-[ASTM D 1165(Vol 04.09)]	n/a	8.40E-03
kerosene (gallons)-[ASTM D 3699(Vol 05.03)]	0.50%	3.59E-05
No. 1 and No. 2 distillate (gallons)-[ASTM D 396(Vol 05.01)]	0.50%	3.59E-05
No. 4 distillate (gallons)-[ASTM D 396(Vol 05.01)]	1.80%	1.35E-04
No. 5 and No. 6 residual (gallons)-[ASTM D 396(Vol 05.01)]	1.80%	1.43E-04
liquefied petroleum gas (LPG) (gallons)-[ASTM D 1835(Vol 05.01 and 05.05)]	n/a	6.60E-06
dry or commercial pipeline natural gas (cubic feet)-this must be a mixture of ethane, methane, not more than five percent propane and not more than one percent butane	n/a	7.00E-08

Calculation 2. Reciprocating Internal Combustion Engine Emission Units. A stationary source with one or more reciprocating internal combustion (RIC) engines shall, for each RIC engine, use either calculation 2A or 2B. Stationary sources with RIC engine emission units burning fuels not listed in Table 2, however, must use calculation 2B.

Calculation 2A. RIC Engine Fuel Usage Calculation. For stationary sources with one or more RIC engines, multiply the amount 12-month rolling sum of each fuel used for the previous 12-month period for each RIC engine by the multiplication factor (MF) from Table 2. For RIC engines burning two or more different types of fuels, the owner or operator must perform this calculation for each fuel burned by the RIC engine and Add the results of each calculation to determine the total for that RIC engine. The following formula determines the calculation 2A total:

STEP 1: fuel type used (in specified units) x MF = RIC engine fuel type total

STEP 2: RIC engine fuel type 1 total + RIC engine fuel type 2 total + ... RIC engine fuel type n total = Calculation 2A total

TABLE 2

FUEL USED (units burned/year)-[specification]	SULFUR LIMIT	MULTIPLICATION FACTOR (MF)
No. 1 and No. 2 diesel, and kerosene (gallons)-[ASTM 975(Vol 05.01)]	0.5%	2.35E-04
liquefied petroleum gas (LPG) (gallons)-[ASTM D 1835(Vol 05.01 and 05.05)]	n/a	6.95E-05
dry or commercial pipeline natural gas (cubic feet)-[as defined in Table 1]	n/a	1.70E-06

Calculation 2B. RIC Engine Operating Hours Calculation. For stationary sources with one or more RIC engines, multiply the design capacity of the engine in horsepower by the 12-month rolling sum of hours operated for the ~~previous 12-month period~~ and by the multiplication factor 1.22E-05. The owner or operator shall perform this calculation for each RIC engine, then add the results of all the calculations to arrive at the calculation 2B total. The following formula determines the calculation 2B total:

STEP 1: engine horsepower design capacity x hours operated x 1.22E-05 = RIC engine total

STEP 2: RIC engine 1 total + RIC engine 2 total + ... RIC engine n total = Calculation 2B total

Calculation 3. VOC Emissions Units. An owner or operator of a stationary source which purchases or uses VOC-containing materials shall, for each material purchased or used which contains VOC, multiply a factor of ten by the weight factor (WF) of the VOC in the material (weight of VOC per weight of VOC-containing material) by the density of the material (in pounds per gallon) by the ~~number~~ 12-month rolling sum of gallons of that material purchased or used in the ~~previous 12-month period~~. The owner or operator shall perform this calculation for each material purchased or used which contains VOC (including VOC purchased or used for cleaning) and add the results of the calculations to arrive at the calculation 3 total. In determining the WF and the density, the owner or operator shall use the maximum listed in the material safety data sheets (MSDS) or a signed statement from the supplier for each VOC-containing material. The following formula determines the calculation 3 total:

STEP 1: 10 [WF x density of the material (lb/gal) x (1 ton/2,000 lb) x the 12-month rolling sum of material purchased or used (gallons) for the ~~previous 12-month period~~] = material total--

STEP 2: material 1 + material 2 + ... material n total = Calculation 3 total

7007.1130 REGISTRATION PERMIT OPTION D.

Subpart 1. **Eligibility.** The owner or operator of a stationary source may apply for a registration permit under this part if the stationary source meets the following criteria:

B. the 12-month rolling sum of actual emissions in ~~any 12-month period~~ at the stationary source for each pollutant are less than the thresholds in subpart 5; and

C. the owner or operator does not anticipate making changes in the next year which will cause the stationary source's 12-month rolling sum of actual emissions to exceed any threshold in tons per year listed in subpart 5.

Subp. 2. **Application content.** An application for a registration permit under this part must contain all of the following requirements:

C. a copy of the applicable new source performance standards (NSPS) listed in part 7007.1110, subpart 2, item B, with the applicable portions of the standards highlighted, including applicable parts of *Code of Federal Regulations*, title 40, part 60, subpart A, General Provisions, or an NSPS checklist form provided by the commissioner, for each affected facility as defined in *Code of Federal Regulations*, title 40, section 60.2;

E. the calculations required by subpart 4, and the total actual emissions per pollutant that result from those calculations. If the stationary source has not been operated, the owner or operator shall estimate actual emissions during normal operation in perform-

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ing the calculations required by subpart 4. If the stationary source has been operated less than 12 months on the effective date of application under this part, the owner or operator shall estimate actual emissions by multiplying by 12 the larger of the following:

Subp. 3. **Compliance requirements.** The owner or operator of a stationary source issued a permit under this part shall comply with all of the requirements in items A to J.

A. If the stationary source qualified in the permit application, in whole or in part, by calculating VOC and hazardous air pollutant actual emissions from VOC-containing or hazardous air pollutant-containing materials, purchased or used (whichever was stated in the permit application), the owner or operator must:

(3) recalculate and record each month ~~for the previous 12 months~~, the 12-month rolling sum of actual VOC and hazardous air pollutant emissions from VOC-containing and hazardous air pollutant-containing materials purchased or used (whichever was stated in the permit application), the date the calculation was made, and the calculation itself.

B. If the stationary source qualified in the permit application, in whole or in part, by using fuel burned in the calculations in subpart 4, the owner or operator must:

(2) recalculate and record each month the 12-month rolling sum emissions ~~for the preceding 12 months~~, the date the calculation was made, and the calculation itself.

C. If the stationary source qualified in the permit application, in whole or in part, by using hours of operation in the calculations in subpart 4, the owner or operator must:

(2) recalculate and record each month the 12-month rolling sum emissions ~~for the preceding 12 months~~, the date the calculation was made, and the calculations itself.

D. If the stationary source qualified in the permit application, in whole or in part, by calculating actual emissions under subpart 4 based on the quantity of material handled or throughput, or product produced, the owner or operator must:

(2) recalculate and record each month ~~for the previous 12-month period~~ for each material handled or throughput and for each product produced, the 12-month rolling sum of emissions, the date the calculation was made, and the calculation itself.

E. The owner or operator must recalculate and record each month ~~for the previous 12 months~~, pursuant to subpart 4, the 12-month rolling sum of actual emissions from the stationary source, the date the calculation was made, and the calculation itself. This calculation must include all emissions units at the stationary source, except for insignificant activities under part 7007.1300, and the information required by subpart 4, item B, subitem (2), if continuous emissions monitor (CEM) data is used in the calculation.

G. The 12-month rolling sum of actual emissions from the stationary source determined pursuant to subpart 4 must not exceed the thresholds in subpart 5 for any pollutant ~~in any 12-month period~~.

J. If the calculation of actual emissions required by subpart 2, item E, for the application or by subpart 3, item E, for compliance verification exceeds five tons per year of sulfur dioxide or particulate matter less than ten microns, the owner or operator shall keep the following at the stationary source for all emission points venting to these emission units:

(1) the location of the emission points;

(2) the potential emissions, as defined in part 7007.0150, subpart 4, in pounds per hour of sulfur dioxide and PM-10; and

(3) the gas flow rate and temperature, stack height, and diameter.

Subp. 4. **Calculation of actual emissions.** ~~To calculate actual emissions under this part,~~ The owner or operator of a stationary source ~~shall~~ may use a calculation worksheet provided by the commissioner for calculating actual emissions under this part, or may use the calculation methods under items A to E. The owner or operator must calculate actual emissions for each emissions unit, except that similar emissions units may be aggregated for emission calculation purposes. The owner or operator of a stationary source shall use the calculation method in item B instead of the calculation method in item A if the data described in item B are available for the stationary source. The alternative methods described in items C, D, and E may be used by the owner or operator without advance notification to the commissioner. The commissioner shall reject data submitted using the methods described in items B to E if the conditions set forth for the method are not fully met. To prevent double counting of emissions, the owner or operator must select one calculation method under this subpart for each emissions unit at the stationary source. Fugitive emissions must be included in the calculations under this subpart, ~~except for fugitive emissions from roads and parking lots at the stationary source.~~ For purposes of this subpart, "emission factor" has the meaning given in part 7007.1200, subpart 3, item B.

A. ~~Under this subpart, owners and operators of stationary sources must calculate actual emissions for each emissions unit for each pollutant.~~ All calculations of actual emissions required under this part shall be based on the stationary source's operating parameters, and must use the following equation:

$$E = OP \times EF \times [1 - CE], \text{ where}$$

E = Actual Emissions in tons per year

OP = Operating Parameter as required by the Emission Factor (hours of operation or units produced)

EF = Emission Factor (pounds of pollutant per hour of operation or units produced). ~~The emission factor used in this calculation shall be an EPA emission factor.~~

CE = Control Efficiency (percent expressed as a decimal fraction of 1.00) determined according to part 7011.0070.

B. If the owner or operator of the stationary source has collected emissions data through use of a continuous emission monitor (CEM), the owner or operator shall use the CEM data to calculate actual emissions, if the following requirements are met:

(2) the total operating time of the applicable emissions unit and the total operating time of the CEM for the previous 12 consecutive months must be included in the permit application and in the monthly records required in subpart 3; and

Subp. 5. **Emissions thresholds.** The owner or operator must calculate actual emissions for the stationary source using the calculations under subpart 4 and the calculated 12-month rolling sum of actual emissions must be below the thresholds listed in Table 3.

**TABLE 3
OPTION D EMISSIONS THRESHOLDS**

POLLUTANT	THRESHOLD (ton/year)
HAP	5 tons/year for a single HAP 12.5 tons/year total for all HAPs
PM	50 tons/year
PM-10	50 tons/year for an Attainment Area 25 tons/year for a Nonattainment Area
VOC	50 tons/year
SO ₂	50 tons/year
NO _x	50 tons/year
CO	50 tons/year
Pb	0.5 tons/year

7007.1150 WHEN A PERMIT AMENDMENT IS REQUIRED.

C. A written notice to the agency shall be sent by any person who, at a permitted stationary source, makes a change that: (i) installs does not increase emissions of any regulated air pollutant; (ii) does not constitute a title I modification; and (iii) does not constitute any other type of modification, if the change is one of the following:

(1) installing air pollution control equipment that does not constitute a title I modification or a modification, or (ii) replaces;

(2) replacing a unit identified in the permit with one that does not increase emissions of any regulated air pollutant and does not constitute a title I modification or a modification, shall provide written notice to the agency; and

(3) replacing air pollution control equipment with listed control equipment, as defined in part 7011.0060, subpart 4, which has an equivalent or better removal efficiency of regulated pollutants previously controlled with the replacement control equipment.

The written notice must be received by the agency seven working days prior to the installation or replacement. The permittee and the agency shall attach the notice to the stationary source's permit. If the agency finds that the installation or replacement triggers new monitoring, record keeping, or reporting requirements under applicable requirements or parts 7007.0100 to 7007.1850, the agency shall initiate an amendment under part 7007.1400 or 7007.1500 to include the new requirements. If the installation or replacement constitutes a title I modification or other type of modification, this item does not apply, and the permittee shall follow the applicable procedures of part 7007.1250, 7007.1350, 7007.1450, or 7007.1500. If notice is provided as required by this item, the installation and operation of the additional equipment shall not be considered a violation of the permit.

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7007.1250 INSIGNIFICANT MODIFICATIONS.

Subpart 1. **When an insignificant modification can be made.** The permittee may make a modification described in either item A or B at a permitted stationary source without getting a permit amendment, unless the modification is prohibited by subpart 2.

A. Construction or operation of any emissions unit, or undertaking any activity, on the insignificant activities list in part 7007.1300, subparts 2 and 3.

B. Any modification that will:

(2) result in an increase of an air pollutant which is listed below, but in an amount less than the corresponding threshold:

Pollutant	Threshold
NO _x	2.28 pounds per hour
SO ₂	2.28 pounds per hour
VOCs	2.28 pounds per hour
PM-10	.855 pounds per hour
CO	5.70 pounds per hour
Lead	.025 pounds per hour
HAPs	25% of the hazardous air pollutant thresholds listed in Code of Federal Regulations, title 40, section 63.44, as proposed in Federal Register, volume 59, pages 15504-15571 (April 1, 1994) <u>part 7007.1251</u>

For purposes of this subpart, whether or not the modification will cause an increase in emissions shall be calculated as described in part 7007.1200. An owner or operator may not use control equipment efficiencies for listed control equipment determined by part 7011.0070 to qualify for an insignificant modification, unless the specifications for the control equipment are from a control equipment manufacturer, as defined in part 7011.0060, subpart 4. Modifications which would otherwise be insignificant under this part may be title I modifications, for which a major amendment is required, using the methods of calculation required under title I of the act. Permittees are reminded to review the definition of title I modifications and the requirements of title I of the act.

7007.1251 HAZARDOUS AIR POLLUTANT THRESHOLDS.

<u>CAS#</u>	<u>Chemical Name</u>	<u>De Minimis Level (tons/year)</u>
<u>57147</u>	<u>1,1-Dimethyl hydrazine</u>	<u>0.008</u>
<u>79005</u>	<u>1,1,2-Trichloroethan</u>	<u>1</u>
<u>79345</u>	<u>1,1,2,2-Tetrachloroethane</u>	<u>0.3</u>
<u>96128</u>	<u>1,2-Dibromo-3-chloropropane</u>	<u>0.01</u>
<u>122667</u>	<u>1,2-Diphenylhydrazine</u>	<u>0.09</u>
<u>106887</u>	<u>1,2-Epoxybutane</u>	<u>1</u>
<u>75558</u>	<u>1,2-Propylenimine (2-Methyl aziridine)</u>	<u>0.003</u>
<u>120821</u>	<u>1,2,4-Trichlorobenzene</u>	<u>10</u>
<u>106990</u>	<u>1,3-Butadiene</u>	<u>0.07</u>
<u>542756</u>	<u>1,3-Dichloropropene</u>	<u>1</u>
<u>1120714</u>	<u>1,3-Propane sultone</u>	<u>0.03</u>
<u>106467</u>	<u>1,4-Dichlorobenzene(p)</u>	<u>3</u>
<u>123911</u>	<u>1,4-Dioxane (1,4-Diethyleneoxide)</u>	<u>6</u>
<u>53963</u>	<u>2-Acetylaminofluorine</u>	<u>0.005</u>
<u>532274</u>	<u>2-Chloroacetophenone</u>	<u>0.06</u>
<u>79469</u>	<u>2-Nitropropane</u>	<u>1</u>

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<u>CAS#</u>	<u>Chemical Name</u>	<u>De Minimis Level (tons/year)</u>
<u>540841</u>	<u>2,2,4-Trimethylpentane</u>	<u>5</u>
<u>1746016</u>	<u>2,3,7,8-Tetrachlorodibenzo-p-dioxin</u>	<u>6E-07</u>
<u>584849</u>	<u>2,4-Toluene diisocyanate</u>	<u>0.1</u>
<u>51285</u>	<u>2,4-Dinitrophenol</u>	<u>1</u>
<u>121142</u>	<u>2,4-Dinitrotoluene</u>	<u>0.02</u>
<u>94757</u>	<u>2,4-D, salts, esters (2,4-Dichlorophenoxy acetic acid)</u>	<u>10</u>
<u>95807</u>	<u>2,4-Toluene diamine</u>	<u>0.02</u>
<u>95954</u>	<u>2,4,5-Trichlorophenol</u>	<u>1</u>
<u>88062</u>	<u>2,4,6-Trichlorophenol</u>	<u>6</u>
<u>91941</u>	<u>3,3-Dichlorobenzidine</u>	<u>0.2</u>
<u>119904</u>	<u>3,3'-Dimethoxybenzidine</u>	<u>0.1</u>
<u>119937</u>	<u>3,3'-Dimethyl benzidine</u>	<u>0.008</u>
<u>92671</u>	<u>4-Aminobiphenyl</u>	<u>1</u>
<u>92933</u>	<u>4-Nitrobiphenyl</u>	<u>1</u>
<u>100027</u>	<u>4-Nitrophenol</u>	<u>5</u>
<u>101144</u>	<u>4,4-Methylene bis(2-chloroaniline)</u>	<u>0.2</u>
<u>101779</u>	<u>4,4'-Methylenedianiline</u>	<u>1</u>
<u>534521</u>	<u>4,6-Dinitro-o-cresol, and salts</u>	<u>0.1</u>
<u>75070</u>	<u>Acetaldehyde</u>	<u>9</u>
<u>60355</u>	<u>Acetamide</u>	<u>1</u>
<u>75058</u>	<u>Acetonitrile</u>	<u>4</u>
<u>98862</u>	<u>Acetophenone</u>	<u>1</u>
<u>107028</u>	<u>Acrolein</u>	<u>0.04</u>
<u>79061</u>	<u>Acrylamide</u>	<u>0.02</u>
<u>79107</u>	<u>Acrylic acid</u>	<u>0.6</u>
<u>107131</u>	<u>Acrylonitrile</u>	<u>0.3</u>
<u>107051</u>	<u>Allyl chloride</u>	<u>1</u>
<u>62533</u>	<u>Aniline</u>	<u>1</u>
<u>71432</u>	<u>Benzene</u>	<u>2</u>
<u>92875</u>	<u>Benzidine</u>	<u>0.0003</u>
<u>98077</u>	<u>Benzotrichloride</u>	<u>0.006</u>
<u>100447</u>	<u>Benzyl chloride</u>	<u>0.1</u>
<u>57578</u>	<u>beta-Propiolactone</u>	<u>0.1</u>
<u>92524</u>	<u>Biphenyl</u>	<u>10</u>
<u>117817</u>	<u>Bis(2-ethylhexyl)phthalate(DEHP)</u>	<u>5</u>
<u>542881</u>	<u>Bis(chloromethyl)ether</u>	<u>0.0003</u>
<u>75252</u>	<u>Bromoform</u>	<u>10</u>
<u>156627</u>	<u>Calcium cyanamide</u>	<u>10</u>
<u>105602</u>	<u>Caprolactam</u>	<u>10</u>
<u>133062</u>	<u>Captan</u>	<u>10</u>
<u>63252</u>	<u>Carbaryl</u>	<u>10</u>
<u>75150</u>	<u>Carbon disulfide</u>	<u>1</u>
<u>56235</u>	<u>Carbon tetrachloride</u>	<u>1</u>
<u>463581</u>	<u>Carbonyl sulfide</u>	<u>5</u>
<u>120809</u>	<u>Catechol</u>	<u>5</u>
<u>133904</u>	<u>Chloramben</u>	<u>1</u>

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<u>CAS#</u>	<u>Chemical Name</u>	<u>De Minimis Level (tons/year)</u>
<u>57749</u>	<u>Chlordane</u>	<u>0.01</u>
<u>7782505</u>	<u>Chlorine</u>	<u>0.1</u>
<u>79118</u>	<u>Chloroacetic acid</u>	<u>0.1</u>
<u>108907</u>	<u>Chlorobenzene</u>	<u>10</u>
<u>510156</u>	<u>Chlorobenzilate</u>	<u>0.4</u>
<u>67663</u>	<u>Chloroform</u>	<u>0.9</u>
<u>107302</u>	<u>Chloromethyl methyl ether</u>	<u>0.1</u>
<u>126998</u>	<u>Chloroprene</u>	<u>1</u>
<u>1319773</u>	<u>Cresols/Cresylic acid (isomers and mixture)</u>	<u>1</u>
<u>95487</u>	<u>o-Cresol</u>	<u>1</u>
<u>108394</u>	<u>m-Cresol</u>	<u>1</u>
<u>106445</u>	<u>p-Cresol</u>	<u>1</u>
<u>98828</u>	<u>Cumene</u>	<u>10</u>
<u>334883</u>	<u>Diazomethane</u>	<u>1</u>
<u>132649</u>	<u>Dibenzofuran</u>	<u>5</u>
<u>72559</u>	<u>DDE (p,p'-Dichlorodiphenyldichloroethylene)</u>	<u>0.01</u>
<u>84742</u>	<u>Dibutylphthalate</u>	<u>10</u>
<u>111444</u>	<u>Dichloroethyl ether (Bis(2-chloroethyl) ether)</u>	<u>0.06</u>
<u>62737</u>	<u>Dichlorvos</u>	<u>0.2</u>
<u>11422</u>	<u>Diethanolamine</u>	<u>5</u>
<u>64675</u>	<u>Diethyl sulfate</u>	<u>1</u>
<u>60117</u>	<u>Dimethyl aminoazobenzene</u>	<u>1</u>
<u>79447</u>	<u>Dimethyl carbamoyl chloride</u>	<u>0.02</u>
<u>68122</u>	<u>Dimethyl formamide</u>	<u>1</u>
<u>131113</u>	<u>Dimethyl phthalate</u>	<u>10</u>
<u>77781</u>	<u>Dimethyl sulfate</u>	<u>0.1</u>
<u>106898</u>	<u>Epichlorohydrin</u>	<u>2</u>
<u>140885</u>	<u>Ethyl acrylate</u>	<u>1</u>
<u>100414</u>	<u>Ethyl benzene</u>	<u>10</u>
<u>51796</u>	<u>Ethyl carbamate (Urethane)</u>	<u>0.8</u>
<u>75003</u>	<u>Ethyl chloride</u>	<u>10</u>
<u>106934</u>	<u>Ethylene dibromide (Dibromoethane)</u>	<u>0.1</u>
<u>107062</u>	<u>Ethylene dichloride (1,2-Dichloroethane)</u>	<u>0.8</u>
<u>107211</u>	<u>Ethylene glycol</u>	<u>10</u>
<u>151564</u>	<u>Ethylene imine (Aziridine)</u>	<u>0.003</u>
<u>75218</u>	<u>Ethylene oxide</u>	<u>0.1</u>
<u>96457</u>	<u>Ethylene thiourea</u>	<u>0.6</u>
<u>75343</u>	<u>Ethylidene dichloride (1,1-Dichloroethane)</u>	<u>1</u>
<u>50000</u>	<u>Formaldehyde</u>	<u>2</u>
<u>76448</u>	<u>Heptachlor</u>	<u>0.02</u>
<u>118741</u>	<u>Hexachlorobenzene</u>	<u>0.01</u>
<u>87683</u>	<u>Hexachlorobutadiene</u>	<u>0.9</u>
<u>77474</u>	<u>Hexachlorocyclopentadiene</u>	<u>0.1</u>
<u>67721</u>	<u>Hexachloroethane</u>	<u>5</u>
<u>822060</u>	<u>Hexamethylene-1,6-diisocyanate</u>	<u>0.02</u>
<u>680319</u>	<u>Hexamethylphosphoramide</u>	<u>0.01</u>
<u>110543</u>	<u>Hexane</u>	<u>10</u>
<u>302012</u>	<u>Hydrazine</u>	<u>0.004</u>
<u>7647010</u>	<u>Hydrochloric acid</u>	<u>10</u>
<u>7664393</u>	<u>Hydrogen fluoride</u>	<u>0.1</u>
<u>123319</u>	<u>Hydroquinone</u>	<u>1</u>

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<u>CAS#</u>	<u>Chemical Name</u>	<u>De Minimis Level (tons/year)</u>
<u>78591</u>	<u>Isophorone</u>	<u>10</u>
<u>58899</u>	<u>Lindane (hexachlorocyclohexane, gamma)</u>	<u>0.01</u>
<u>108316</u>	<u>Maleic anhydride</u>	<u>1</u>
<u>67561</u>	<u>Methanol</u>	<u>10</u>
<u>72435</u>	<u>Methoxychlor</u>	<u>10</u>
<u>74839</u>	<u>Methyl bromide (Bromomethane)</u>	<u>10</u>
<u>74873</u>	<u>Methyl chloride (Chloromethane)</u>	<u>10</u>
<u>71556</u>	<u>Methyl chloroform (1,1,1-Trichloroethane)</u>	<u>10</u>
<u>78933</u>	<u>Methyl ethyl ketone (2-Butanone)</u>	<u>10</u>
<u>60344</u>	<u>Methyl hydrazine</u>	<u>0.06</u>
<u>74884</u>	<u>Methyl iodide (Iodomethane)</u>	<u>1</u>
<u>108101</u>	<u>Methyl isobutyl ketone</u>	<u>10</u>
<u>624839</u>	<u>Methyl isocyanate</u>	<u>0.1</u>
<u>80626</u>	<u>Methyl methacrylate</u>	<u>10</u>
<u>1634044</u>	<u>Methyl tert-butyl ether</u>	<u>10</u>
<u>12108133</u>	<u>Methylcyclopentadienyl manganese</u>	<u>0.1</u>
<u>75092</u>	<u>Methylene chloride (Dichloromethane)</u>	<u>10</u>
<u>101688</u>	<u>Methylene diphenyl diisocyanate</u>	<u>0.1</u>
<u>91203</u>	<u>Naphthalene</u>	<u>10</u>
<u>98953</u>	<u>Nitrobenzene</u>	<u>1</u>
<u>62759</u>	<u>N-Nitrosodimethylamine</u>	<u>0.001</u>
<u>69892</u>	<u>N-Nitrosomorpholine</u>	<u>1</u>
<u>684935</u>	<u>N-Nitroso-N-methylurea</u>	<u>0.0002</u>
<u>121697</u>	<u>N,N-Dimethylaniline</u>	<u>1</u>
<u>90040</u>	<u>o-Anisidine</u>	<u>1</u>
<u>95534</u>	<u>o-Toluidine</u>	<u>4</u>
<u>56382</u>	<u>Parathion</u>	<u>0.1</u>
<u>82688</u>	<u>Pentachloronitrobenzene (Quintobenzene)</u>	<u>0.3</u>
<u>87865</u>	<u>Pentachlorophenol</u>	<u>0.7</u>
<u>108952</u>	<u>Phenol</u>	<u>0.1</u>
<u>75445</u>	<u>Phosgene</u>	<u>0.1</u>
<u>7803512</u>	<u>Phosphine</u>	<u>5</u>
<u>7723140</u>	<u>Phosphorous</u>	<u>0.1</u>
<u>85449</u>	<u>Phthalic anhydride</u>	<u>5</u>
<u>1336363</u>	<u>Polychlorinated biphenyls (Aroclors)</u>	<u>0.009</u>
<u>106503</u>	<u>p-Phenylenediamine</u>	<u>10</u>
<u>123386</u>	<u>Propionaldehyde</u>	<u>5</u>
<u>114261</u>	<u>Propoxur (Baygone)</u>	<u>10</u>
<u>78875</u>	<u>Propylene dichloride (1,2-Dichloropropane)</u>	<u>1</u>
<u>75569</u>	<u>Propylene oxide</u>	<u>5</u>
<u>91225</u>	<u>Quinoline</u>	<u>0.006</u>
<u>106514</u>	<u>Quinone</u>	<u>5</u>
<u>100425</u>	<u>Styrene</u>	<u>1</u>
<u>96093</u>	<u>Styrene oxide</u>	<u>1</u>
<u>127184</u>	<u>Tetrachloroethylene (Perchloroethylene)</u>	<u>10</u>
<u>7550450</u>	<u>Titanium tetrachloride</u>	<u>0.1</u>
<u>108883</u>	<u>Toluene</u>	<u>10</u>

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<u>CAS#</u>	<u>Chemical Name</u>	<u>De Minimis Level (tons/year)</u>
<u>8001352</u>	<u>Toxaphene (chlorinated camphene)</u>	<u>0.01</u>
<u>79016</u>	<u>Trichloroethylene</u>	<u>10</u>
<u>121448</u>	<u>Triethylamine</u>	<u>10</u>
<u>1582098</u>	<u>Trifluralin</u>	<u>9</u>
<u>108054</u>	<u>Vinyl acetate</u>	<u>1</u>
<u>593602</u>	<u>Vinyl bromide (bromoethene)</u>	<u>0.6</u>
<u>75014</u>	<u>Vinyl chloride</u>	<u>0.2</u>
<u>75354</u>	<u>Vinylidene chloride (1,1-Dichloroethylene)</u>	<u>0.4</u>
<u>1330207</u>	<u>Xylenes (isomers and mixture)</u>	<u>10</u>
<u>108383</u>	<u>m-Xylenes</u>	<u>10</u>
<u>95476</u>	<u>o-Xylenes</u>	<u>10</u>
<u>106423</u>	<u>p-Xylenes</u>	<u>10</u>
<u>=</u>	<u>Arsenic and inorganic arsenic compounds</u>	<u>0.005</u>
<u>7784421</u>	<u>Arsine</u>	<u>0.1</u>
<u>=</u>	<u>Antimony compounds (except those specifically listed)*</u>	<u>5</u>
<u>1309644</u>	<u>Antimony trioxide</u>	<u>1</u>
<u>1345046</u>	<u>Antimony trisulfide</u>	<u>0.1</u>
<u>7783702</u>	<u>Antimony pentafluoride</u>	<u>0.1</u>
<u>28300745</u>	<u>Antimony potassium tartrate</u>	<u>1</u>
<u>=</u>	<u>Beryllium compounds (except Beryllium salts)</u>	<u>0.008</u>
<u>=</u>	<u>Beryllium salts</u>	<u>0.00002</u>
<u>=</u>	<u>Cadmium compounds</u>	<u>0.01</u>
<u>130618</u>	<u>Cadmium oxide</u>	<u>0.01</u>
<u>=</u>	<u>Chromium compounds (except Hexavalent and Trivalent)</u>	<u>5</u>
<u>=</u>	<u>Hexavalent Chromium compounds</u>	<u>0.002</u>
<u>=</u>	<u>Trivalent Chromium compounds</u>	<u>5</u>
<u>10025737</u>	<u>Chromic chloride</u>	<u>0.1</u>
<u>744084</u>	<u>Cobalt metal (and compounds, except those specifically listed)*</u>	<u>0.1</u>
<u>10210681</u>	<u>Cobalt carbonyl</u>	<u>0.1</u>
<u>62207765</u>	<u>Fluomine</u>	<u>0.1</u>
<u>=</u>	<u>Coke oven emissions</u>	<u>0.03</u>
<u>=</u>	<u>Cyanide compounds (except those specifically listed)*</u>	<u>5</u>
<u>143339</u>	<u>Sodium cyanide</u>	<u>0.1</u>
<u>151508</u>	<u>Potassium cyanide</u>	<u>0.1</u>
<u>=</u>	<u>Glycol ethers (except those specifically listed)*</u>	<u>5</u>
<u>110805</u>	<u>2-Ethoxy ethanol</u>	<u>10</u>
<u>111762</u>	<u>Ethylene glycol monobutyl ether</u>	<u>10</u>
<u>108864</u>	<u>2-Methoxy ethanol</u>	<u>10</u>
<u>=</u>	<u>Lead and compounds (except those specifically listed)*</u>	<u>0.01</u>
<u>75741</u>	<u>Tetramethyl lead</u>	<u>0.01</u>
<u>78002</u>	<u>Tetraethyl lead</u>	<u>0.01</u>
<u>7439965</u>	<u>Manganese and compounds (except those specifically listed)*</u>	<u>0.8</u>
<u>12108133</u>	<u>Methylcyclopentadienyl manganese</u>	<u>0.1</u>
<u>=</u>	<u>Mercury compounds (except those specifically listed)*</u>	<u>0.01</u>

<u>CAS#</u>	<u>Chemical Name</u>	<u>De Minimis Level (tons/year)</u>
<u>10045940</u>	<u>Mercuric nitrate</u>	<u>0.01</u>
<u>748794</u>	<u>Mercuric chloride</u>	<u>0.01</u>
<u>62384</u>	<u>Phenyl mercuric acetate</u>	<u>0.01</u>
<u>:</u>	<u>Elemental Mercury</u>	<u>0.01</u>
<u>:</u>	<u>Mineral fiber compounds (except those specifically listed)*</u>	<u>a</u>
<u>1332214</u>	<u>Asbestos</u>	<u>a</u>
<u>:</u>	<u>Erionite</u>	<u>a</u>
<u>:</u>	<u>Silica (crystalline)</u>	<u>a</u>
<u>:</u>	<u>Talc (containing asbestos from fibers)</u>	<u>a</u>
<u>:</u>	<u>Glass wool</u>	<u>a</u>
<u>:</u>	<u>Rock wool</u>	<u>a</u>
<u>:</u>	<u>Slag wool</u>	<u>a</u>
<u>:</u>	<u>Ceramic fibers</u>	<u>a</u>
<u>:</u>	<u>Nickel compounds (except those specifically listed)*</u>	<u>1</u>
<u>13463393</u>	<u>Nickel Carbonyl</u>	<u>0.1</u>
<u>12035722</u>	<u>Nickel refinery dust</u>	<u>0.08</u>
<u>:</u>	<u>Nickel subsulfide</u>	<u>0.04</u>
<u>:</u>	<u>Polycyclic organic matter-POM (except those specifically listed)*</u>	<u>0.01</u>
<u>56553</u>	<u>Benz(a)anthracene</u>	<u>0.01</u>
<u>50328</u>	<u>Benzo(a)pyrene</u>	<u>0.01</u>
<u>205992</u>	<u>Benzo(b)fluoranthene</u>	<u>0.01</u>
<u>57976</u>	<u>7,12-Dimethylbenz(a)anthracene</u>	<u>0.01</u>
<u>225514</u>	<u>Benz(c)acridine</u>	<u>0.01</u>
<u>218019</u>	<u>Chrysene</u>	<u>0.01</u>
<u>53703</u>	<u>Dibenz(ah)anthracene</u>	<u>0.01</u>
<u>189559</u>	<u>1,2:7,8-Dibenzopyrene</u>	<u>0.01</u>
<u>193395</u>	<u>Indeno(1,2,3-cd)pyrene</u>	<u>0.01</u>
<u>:</u>	<u>Dioxins & Furans (TCDD equivalent)**</u>	<u>=</u>
<u>7782492</u>	<u>Selenium and compounds (except those specifically listed)*</u>	<u>0.1</u>
<u>7488564</u>	<u>Selenium sulfide (mono and di)</u>	<u>0.1</u>
<u>7783075</u>	<u>Hydrogen selenide</u>	<u>0.1</u>
<u>10102188</u>	<u>Sodium selenite</u>	<u>0.1</u>
<u>13410010</u>	<u>Sodium selenate</u>	<u>0.1</u>
<u>99999918</u>	<u>Radionuclides (including radon)</u>	<u>b</u>

* - For this chemical group, specific compounds or subgroups are named specifically in this table. For the remainder of the chemicals of the chemical group, a single de minimis value is listed, which applies to compounds which are not named specifically.

** - The "toxic equivalent factor" method in EPA/625/3-89-016 (U.S. EPA (1989) Interim procedures for estimating risk associated with exposure to mixtures) should be used for PCDD/PCDF mixtures. A different de minimis level will be determined for each mixture depending on the equivalency factors used which are compound specific. For purposes of this part, the document EPA/625/3-89-016, Interim Procedures for Estimating Risk Associated with Exposure to Mixtures, U.S. EPA (1989), is incorpo-

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rated by reference. The Environmental Protection Agency is the author and publisher. This document is available at the University of Minnesota through the Minitex interlibrary loan system. This document is subject to frequent change.

a - De minimis values are zero pending public comment on the rule. Currently available data do not support assignment of a "trivial" emission rate; therefore, the value assigned will be policy based.

b - The EPA relies on Code of Federal Regulations, title 40, part 61, subparts B and I, and Appendix E, and assigns a de minimis level based on an effective dose equivalent of 0.3 millirem per year for a seven-year exposure period that would result in a cancer risk of one per million. The individual radionuclides subject to de minimis levels used for section 112(g) of the act are also contained in Code of Federal Regulations, title 40, part 61.

7007.1300 INSIGNIFICANT ACTIVITIES LIST.

Subp. 2. **Insignificant activities not required to be listed.** The activities described in this subpart are not required to be listed in a permit application under part 7007.0500, subpart 2, item C, subitem (2).

A. Fuel use at a stationary source:

(1) production of hot water for on-site personal use not related to any industrial process; and

(2) fuel use related to food preparation by a restaurant or cafeteria; and

(3) fuel burning equipment with a capacity less than 30,000 Btu per hour, except where the total capacity of the fuel burning equipment exceeds 500,000 Btu per hour.

B. Plant upkeep:

(1) routine housekeeping or plant upkeep activities such as painting buildings, retarring roofs, or paving parking lots, but excluding spray paint booths equipment used for plant upkeep activities;

D. Finishing operations:

(3) equipment operated vented inside a building used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic, precision parts, leather, metals, plastics, masonry, carbon, wood, or glass, provided the equipment:

(a) is vented inside of the building 100 percent of the time; and

(b) does not use air filtering systems used to control indoor air emissions; and

E. Storage tanks:

(2) storage tanks holding lubricating oils;

(3) underground storage of above and below ground fuel in oil storage tanks with a combined total tankage capacity less than 100,000 gallons; and

F. Wastewater treatment: stacks or vents to prevent escape of sewer gases through plumbing traps, not including these stacks and vents associated with processing at wastewater treatment plants.

L. Demonstration projects conducted by a teaching and research institution, where the sole purpose of a demonstration project is to provide an actual functional example of a process unit operation to the students or other interested parties, where actual operating hours of each emission unit shall not exceed a total of ~~50~~ 350 hours in a calendar year and where the emissions unit is not used to dispose of waste materials.

Subp. 3. **Insignificant activities required to be listed.** The activities described in this subpart must be listed in a permit application, and calculation of emissions from these activities shall be provided if required by the agency, under part 7007.0500, subpart 2, item C, subitem (2). If emissions units listed in this subpart are subject to additional requirements under section 114(a)(3) of the act (Enhanced Monitoring) or section 112 of the act (Hazardous Air Pollutants), or if part of a title I modification, or if accounted for, make a stationary source subject to a part 70 permit, emissions from the emissions units must be calculated in the permit application.

A. Fuel use: space heaters fueled by kerosene, natural gas, or propane.

D. Finishing operations:

(1) open tumblers with a batch capacity of 1,000 pounds or less; and

(2) equipment vented inside a building used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic, precision parts, leather, metals, plastics, masonry, carbon, wood, or glass, provided that emissions from the equipment are:

(a) filtered through an air cleaning system; and

(b) vented inside of the building 100 percent of the time.

H. Miscellaneous:

(1) ~~use of not more a stationary source that uses less than 200 gallons of VOC containing materials per 12 months for any consecutive 12-month period (gallons of VOC equals volume percentage of VOC multiplied by the gallons of VOC-containing material);~~

I. Fugitive emissions from roads and parking lots, except from a stationary source applying for an Option D registration permit under part 7007.1130. A stationary source applying for an Option D registration permit must account for fugitive emissions from roads and parking lots in determining eligibility under part 7007.1130.

Subp. 4. ~~Part 70 source Insignificant activities required to be listed in a part 70 application. If a facility is applying for a part 70 permit,~~ emissions units with potential emissions less than the following limits but not included in subpart 2 must be listed in a part 70 permit application:

B. potential emissions of 2.28 pounds per hour or actual emissions of one ton per year for particulate matter, particulate matter less than ten microns, nitrogen oxide, sulfur dioxide, and VOCs; and

C. ~~.025 pounds per hour of lead; and~~

~~D. 25 percent of the hazardous air pollutant thresholds listed in Code of Federal Regulations, title 40, section 63.44, as proposed in Federal Register, volume 59, pages 15504-15571 (April 1, 1994) part 7007.1251.~~

Calculation of emissions from the emissions units listed in this subpart shall be provided if required by the agency under part 7007.0500, subpart 2, item C, subitem (2). If emissions units listed under this subpart are subject to additional requirements under section 114(a)(3) of the act (Enhanced Monitoring) or section 112 of the act (Hazardous Air Pollutants), or are part of a title I modification, or if accounted for, make a stationary source subject to a part 70 permit emissions from the emissions units must be calculated in the permit application. If the applicant is applying for a state permit or an amendment to a state permit, this subpart does not apply.

7007.1450 MINOR AND MODERATE PERMIT AMENDMENTS.

Subp. 2. **Minor amendment applicability.** Except as provided in subpart 1, the agency may amend a permit to allow a modification under the minor permit amendment process of this part, if the modification will not cause an increase in emissions of an air pollutant listed below in an amount greater than the threshold:

Pollutant	Threshold
NO _x	9.13 pounds per hour
SO ₂	9.13 pounds per hour
VOCs	9.13 pounds per hour
PM-10	3.42 pounds per hour
CO	22.80 pounds per hour
Lead	11 pounds per hour
HAPs	Hazardous air pollutant thresholds listed in <i>Code of Federal Regulations, title 40, section 63.44, as proposed in Federal Register, volume 59, pages 15504-15571, (April 1, 1994) part 7007.1251</i>

For purposes of the previous sentence, whether or not the modification will cause an increase in emissions shall be calculated as described in part 7007.1200. Modifications which would otherwise qualify for a minor or moderate amendment under this part may

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be title I modifications, for which a major amendment is required, using the methods of calculation required under title I of the act. Permittees are reminded to review the definition of title I modifications and requirements of title I of the act.

7011.0060 DEFINITIONS.

Subp. 2. **Hood.** "Hood" means a shaped inlet to a pollution control system that does not totally surround emissions from an emissions unit, that is designed to capture and discharge the air emissions through ductwork to control equipment, and that conforms to the design and operating practices recommended in "Industrial Ventilation - A Manual of Recommended Practice, American Conference of Governmental Industrial Hygienists, Lansing, Michigan." This document is subject to frequent change.

7011.0070 LISTED CONTROL EQUIPMENT AND CONTROL EQUIPMENT EFFICIENCIES.

Subpart 1. **Listed control equipment efficiencies.** Unless a part 70, state, or general permit specifies a different control efficiency, the owner or operator of a stationary source must at all times attain at least the control efficiency listed in Table A for each piece of listed control equipment at the stationary source. The applicable control efficiency for a type of listed control equipment and a given pollutant is determined by whether air emissions are discharged to the control equipment through a hood or through a total enclosure. The control equipment efficiencies in Table A do not apply to any hazardous air pollutant. The owner or operator of a stationary source that is subject to the control efficiencies given for hoods in Table A must evaluate, on a form provided by the commissioner, whether the hood conforms to the design and operating practices recommended in "Industrial Ventilation - A Manual of Recommended Practice, American Conference of Governmental Industrial Hygienists, Lansing, Michigan," and must include with the permit application the certification required in subpart 3.

CONTROL EQUIPMENT EFFICIENCY-TABLE A

ID#	CONTROL EQUIPMENT DESCRIPTION	POLLUTANT	CONTROL EFFICIENCY	
			TOTAL ENCLOSURE	HOOD
	PM CONTROL CATEGORY-CYCLONES means a device where airflow is forced to spin in a vortex through a tube			
007	Centrifugal Collector (cyclone)-high efficiency means: a cyclonic device with parameters stated in drawing 1 and table 1	PM,PM-10	80%	64%
008	Centrifugal Collector (cyclone)-medium efficiency means: a cyclonic device with parameters stated in drawing 1 and table 1	PM,PM-10	50%	40%
009	Centrifugal Collector (cyclone)-low efficiency means: a cyclonic device with parameters stated in drawing 1 and table 1	PM,PM-10	10%	8%
076	Multiple Cyclone without Fly Ash Reinjection means: a cyclonic device with more than one tube where fly ash is not reinjected	PM,PM-10	80%	NA
077	Multiple Cyclone with Fly Ash Reinjection means: a	PM,PM-10	50%	NA

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ID#	CONTROL EQUIPMENT DESCRIPTION	POLLUTANT	CONTROL EFFICIENCY	
			TOTAL ENCLOSURE	HOOD
	cyclonic device with more than one tube where fly ash is reinjected			
085	Wet Cyclone Separator or Cyclonic Scrubbers means: a cyclonic device that sprays water into a cyclone	PM,PM-10	50%	40%
012	PM CONTROL CATEGORY-ELECTROSTATIC PRECIPITATORS means: a control device in which the incoming particulate matter receives an electrical charge and is then collected on a surface with the opposite electrical charge			
	-assumed efficiency for boiler fly ash control	PM-10	40%	NA
	-assumed efficiency for other applications	PM-10	70%	56%
	PM CONTROL CATEGORY-OTHER CONTROLS			
016	Fabric Filter means: a control device in which the incoming gas stream passes through a porous fabric filter forming a dust cake	PM,PM-10	99%	79%
052	Spray Tower means: a control device in which the incoming gas stream passes through a chamber in which it contacts a liquid spray	PM,PM-10	20%	16%
053	Venturi Scrubber means: a control device in which the incoming gas stream passes through a venturi into which a low pressure liquid is introduced	PM,PM-10	90%	72%
055	Impingement Plate Scrubber	PM,PM-10	25%	20%

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

Adopted Rules

ID#	CONTROL EQUIPMENT DESCRIPTION	POLLUTANT	CONTROL EFFICIENCY	
			TOTAL ENCLOSURE	HOOD
	means: a control device in which the incoming gas stream passes a liquid spray and is then directed at high velocity into a plate			
058	Mat or Panel Filter means: a control device in which the incoming gas stream passes through a panel of coarse fibers. Panels are removable for cleaning or replacement and provide little resistance to air flow	PM,PM-10	92%	NA
061	Dust Suppression by Water Spray means: the application of water to a surface or material to maintain a minimum moisture content level of 2% to prevent particles from becoming airborne	PM,PM-10	40%	NA
VOC CONTROL CATEGORY				
019	Afterburners (thermal or catalytic oxidation) means: a device used to reduce VOCs to the products of combustion through thermal (high temperature) oxidation or catalytic (use of a catalyst) oxidation in a combustion chamber	VOC	95%	76%
023	Flaring or Direct Combustor means: a device in which air, combustible organic waste gases, and supplementary fuel (if needed) react in the flame zone (e.g., at the flare tip) to destroy the VOCs	VOC	98%	78%
NO _x CONTROL CATEGORY-OTHER CONTROLS				
024	Modified Furnace or Burner Design (low NO _x burner) means: a burner that is designed or modified to produce fuel rich and lean zones to reduce NO _x formation through the reduction of the flame temperature and available oxygen	NO _x	35%	NA

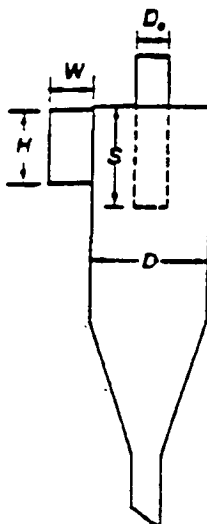
Staged Combustion means:

Adopted Rules

ID#	CONTROL EQUIPMENT DESCRIPTION	POLLUTANT	CONTROL EFFICIENCY	
			TOTAL ENCLOSURE	HOOD
025A	<u>Over-Fire Air means: a burner in which 10 to 30% of the combustion air is supplied through ports that are above the grate or hearth</u>	NO _x	30%	NA
025B	<u>Reburning means: a burner in which a secondary fuel is injected above the primary combustion zone</u>	NO _x	40%	NA
026	<u>Flue Gas Recirculation means: a burner in which a portion of the flue gases are diverted from the exhaust stream and reintroduced into the primary combustion zone</u>	NO _x	30%	NA
028	<u>Steam or Water Injection means: a burner in which water or steam is injected into the primary combustion zone</u>	NO _x	40%	NA
029	<u>Low Excess Air Firing means: a burner in which the amount of excess air in the combustion chamber is reduced</u>	NO _x	30%	NA

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

Drawing 1



SOURCE: Lapple, 1951.

Table 1
Cyclone Type

	High Efficiency		Conventional (Medium Efficiency)		High Throughput (Low Efficiency)	
	(1)	(2)	(3)	(4)	(5)	(6)
Ratio of dimensions						
Body diameter, D/D	1.0	1.0	1.0	1.0	1.0	1.0
Height of inlet, H/D	0.5	0.44	0.5	0.5	0.75	0.8
Width of inlet, W/D	0.2	0.21	0.25	0.25	0.375	0.35
Diameter of gas exit, D_e/D	0.5	0.4	0.5	0.5	0.75	0.75
Length of vortex finder, S/D	0.5	0.5	0.625	0.6	0.875	0.85

Length of body, L/D	1.5	1.4	2.0	1.75	1.5	1.7
Length of cone, L/D	2.5	2.5	2.0	2.0	2.5	2.0
Diameter of dust outlet, D/D	0.375	0.4	0.25	0.4	0.375	0.4

Sources: Column (1) and (5), Stairmand, 1951; columns (2), (4), and (6), Swift, 1969; and column (3), Lapple, 1951.

<u>Ratio Dimensions</u>	<u>High Efficiency</u>	<u>Medium Efficiency</u>	<u>Low Efficiency</u>
<u>Height of inlet, H/D</u>	≤ 0.44	>0.5 and <0.8	≥ 0.8
<u>Width of inlet, W/D</u>	≤ 0.2	>0.2 and <0.375	≥ 0.375
<u>Diameter of gas exit, D_e/D</u>	≤ 0.4	>0.4 and <0.75	≥ 0.75
<u>Length of vortex finder, S/D</u>	≤ 0.5	>0.5 and <0.875	≥ 0.875

If one or more of the "ratio dimensions," as listed in table 1, are in a different efficiency category (high, medium, low), then the lowest efficiency category shall be applied.

Subp. 3. **Certification for hoods.** The certification required by subpart 1 for hoods shall be signed by an engineer, and shall state as follows:

"I certify under penalty of law that I have evaluated the aforementioned hood(s) and that the (each) hood conforms to the design and operating practices recommended in "Industrial Ventilation - A Manual of Recommended Practice, American Conference of Governmental Industrial Hygienists, Lansing, Michigan."

7011.0075 CONTROL EQUIPMENT GENERAL REQUIREMENTS.

Subpart 1. **Operation of control equipment.** The owner or operator of a stationary source shall operate all listed control equipment located at the stationary source whenever operating the emission units controlled by the listed control equipment in compliance with parts 7011.0060 to 7011.0080. Unless specifically allowed by a part 70, state, or general permit, each piece of listed control equipment shall at all times be operated in the range established by the control equipment manufacturer's specifications for each monitoring parameter listed in part 7011.0080, or within the operating parameters set by the commissioner as the result of the most recent performance test approved by the commissioner conducted to determine control efficiency under parts 7017.2001 to 7017.2060 if those are more restrictive.

Subp. 2. **Maintenance of control equipment.** The owner or operator of a stationary source shall maintain each piece of listed control equipment according to the control equipment manufacturer's specifications, shall comply with source-specific maintenance requirements specified in a part 70, state, or general permit, and shall perform the following on each piece of listed control equipment:

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Adopted Rules

A. maintain an adequate inventory of spare parts for components that are subject to sudden failure or frequent replacement due to wear, as required by the manufacturing specification or documented in records under items H and I;

B. train staff on the operation and monitoring of control equipment and troubleshooting, and train and require staff to respond to indications of malfunctioning equipment, including alarms; abnormal temperature indications, noises, and odors and other indicators of abnormal operation;

C. thoroughly inspect all control equipment at least annually, or as required by the manufacturing specification (this often requires shutting down temporarily);

D. inspect, at least monthly, or as required by the manufacturing specification, components that are subject to wear or plugging including, for example: bearings, belts, hoses, fans, nozzles, orifices, and ducts;

E. inspect, at least quarterly, or as required by the manufacturing specification, components that are not subject to wear including structural components, housings, ducts, and hoods;

F. check, at least daily, or as required by the manufacturing specification, monitoring equipment including, for example: pressure gauges, chart recorders, temperature indicators, and recorders;

G. calibrate, at least annually, or as required by the manufacturing specification, all monitoring equipment; and

H. maintain a record of activities conducted in items A to G consisting of the activity completed, the date the activity was completed, and any corrective action taken (including any action taken to prevent a recurrence of any incident requiring corrective action); and

I. maintain a record of parts replaced, repaired, or modified for the previous five years.

Subp. 3. **Installation of monitoring equipment.** The owner or operator of a stationary source shall install monitoring equipment to measure the operating parameters of all listed control equipment as specified by part 7011.0080 or by source specific monitoring requirements specified in a part 70, state, or general permit. The monitoring equipment must be installed prior to operation of any new process equipment controlled by the control equipment or, for stationary sources in operation on the effective date of this part, by the application deadline listed in part 7007.0350, subpart 1, item A. The owner or operator of a stationary source shall operate the monitoring equipment for each piece of listed control equipment at all times the listed control equipment is required to operate under subpart 4 in compliance with part 7011.0075.

Subp. 5. **Deviation of listed control equipment from operating specifications.** The owner or operator of a stationary source shall report to the commissioner deviations from any monitored operating parameter as required by part 7011.0080. "Deviation" means any recorded reading outside of the specification or range of specifications allowed by subpart 1 or established by a part 70, state, or general permit. This report shall be on a form approved by the commissioner. For any given calendar quarter, and within 30 days after the end of the quarter, the owner or operator shall:

A. for pollution control equipment parameters measured on a continuous basis, submit a monitoring report if there are deviations for more than five percent of the emissions units' operating time in that quarter; and

7011.0080 MONITORING AND RECORD KEEPING FOR LISTED CONTROL EQUIPMENT.

The owner and operator of a stationary source shall comply with the monitoring and record keeping required for listed control equipment by the table in this part. The owner or operator shall maintain the records required by this part for a minimum of five years from the date the record was made. For hoods, the owner shall maintain at the stationary source the engineer's evaluation of each hood required in part 7011.0070, as well as a monthly record of the fan rotation speed, fan power draw, or face velocity of each hood, or other comparable air flow indication method.

EPA Identification Number(s)	Pollution Control Equipment Type	Monitoring Parameter(s)	Record Keeping Requirement
007, 008, 009, 076, 077	Centrifugal collector (cyclone)	Pressure drop	Record pressure drop every 24 hours if in operation
011A, 011B, 012A, 012B	Electrostatic precipitator	Primary and secondary voltage; primary and	Record each parameter every 24 hours if in operation

		secondary current; sparking rate; and number of fields on-line	
016	Fabric filter (bag house)	Pressure drop	Record pressure drop every 24 hours if in operation
052	Spray tower	Liquid flow rate and pressure drop	Record each parameter every 24 hours if in operation
053, 055	Venturi scrubber, impingement plate scrubber	Pressure drop and liquid flow rate	Record each parameter every 24 hours if in operation
058A, 058B	HEPA and other wall filters	Condition of the filters, including, but not limited to, alignment, saturation, and tears and holes	Record of filter(s) condition every 24 hours if in operation
061	Dust suppression by water spray	Test moisture content daily	Record moisture content daily
085	Wet cyclone separator	Pressure drop; and water pressure	Record each parameter every 24 hours if in operation
019	Thermal incinerator	Combustion temperature or inlet and outlet temperatures	Continuous hard copy readout of temperatures or manual readings every 15 minutes
019	Catalytic incinerator	Inlet and outlet temperatures; and catalyst bed reactivity as per manufacturer's specifications	Continuous hard copy readout of temperatures or manual readings every 15 minutes; and results of catalyst bed reactivity
023	Flaring	Temperature indicating	Continuous hard copy readout

Adopted Rules

		presence of a flame	of temperatures or manual readings every 15 minutes
024	Modified furnace or burner design (low NO _x burner)	Continuous monitoring of the air-to-fuel ratio at each fuel and/or air port	Hard copy records of continuous monitoring
025A	Staged combustion - over-fire air	Continuous monitoring of the air-to-fuel ratio at each fuel and/or air port	Hard copy records of continuous monitoring
025B	Staged combustion - reburning	Continuous monitoring of the air-to-fuel ratio at each fuel and/or air port	Hard copy records of continuous monitoring
026	Flue gas recirculation	Continuous monitoring of the amount of flue gas recirculated to the burner windbox	Hard copy records of continuous monitoring
028	Steam or water injection	Continuous monitoring of the fuel consumption and the ratio of water to fuel being fired	Hard copy records of continuous monitoring
029	Low excess air firing	Continuous monitoring of the percent of excess air introduced into the boiler	Hard copy records of continuous monitoring

Office of the Governor**Emergency Executive Order # 94-8: Providing for Assistance to Officials in Jackson County, Minnesota**

I, ARNE H. CARLSON, GOVERNOR OF THE STATE OF MINNESOTA, by virtue of the authority vested in me by the Constitution and the applicable statutes, do hereby issue this Emergency Executive Order:

WHEREAS, the Sheriff of Jackson County, Minnesota has requested assistance in lodging motorists stranded by a severe winter storm; and

WHEREAS, the hotels and other shelters in Jackson County are full; and

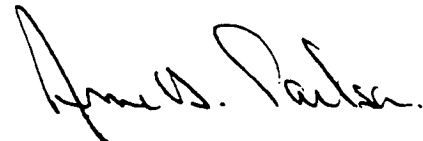
WHEREAS, the requirement to lodge stranded motorists is beyond the capabilities of local resources;

NOW, THEREFORE, I hereby order that:

1. The Adjutant General of Minnesota order to state active duty, on November 27, 1994, in the service of the State, such elements and equipment of the military forces of the State, as required and for such period of time as necessary, to ensure the safety of our citizens.
2. The cost of subsistence, transportation, fuel, pay and allowances of said individuals shall be defrayed from the general fund of the State, as provided for in *Minnesota Statutes* 1992, Sections 192.49, subd. 1, 192.51 and 192.52.

Pursuant to *Minnesota Statutes* 1992, Section 4.035, subd. 2, this Order is effective November 27, 1994, and shall remain in effect until such date as elements of the military forces of the State are no longer required, until rescinded by proper authority, or it expires in accordance with *Minnesota Statutes* 1992, Section 4.035, subd. 3.

IN TESTIMONY WHEREOF, I have set my hand this fifth day of December, 1994.



Arne H. Carlson
Governor

Filed According to Law:



Joan Anderson Growe
Secretary of State

Official Notices

Pursuant to the provisions of Minnesota Statutes §14.10, an agency, in preparing proposed rules, may seek information or opinion from sources outside the agency. Notices of intent to solicit outside opinion must be published in the *State Register* and all interested persons afforded the opportunity to submit data or views on the subject, either orally or in writing.

The *State Register* also publishes other official notices of state agencies, notices of meetings, and matters of public interest.

Department of Education

State Board of Education

Notice of Intent to Solicit Outside Information Regarding Proposed Rule Governing Education Diversity

NOTICE IS HEREBY GIVEN that the Minnesota State Board of Education (Board) is seeking information or opinions from outside sources in preparing to propose the adoption of rules governing education diversity. The adoption of the rule is authorized by *Minnesota Statutes* 121.11 Subd. 7d which authorizes the Board to adopt rules relating to inclusive education.

Issues that may be considered by the Board when the rule is proposed include but are not limited to: the plan required of school districts, implementation of the plan, staff development and compliance procedures.

The Board anticipates the rulemaking process for this rule to be completed by September 1995.

The Board requests information and opinions concerning the subject matter of the rule. Interested persons or groups may submit data or views in writing or orally. Written statements should be directed to:

Lorie Schulstad or
Barbara Stilwell
528 Capitol Square Building, 550 Cedar Street
St. Paul, Minnesota 55101
Telephone: (612) 297-2845 (24 hours a day)
FAX (612) 282-9812 (24 hours a day)
TDD/TTY (612) 297-2094

Statements will be received 24 hours a day by phone and FAX. The TDD/TTY number will be answered during regular business hours, 8:00 a.m. to 4:30 p.m.

All statements of information and opinion will be accepted until February 1, 1995. Any written materials received by the Board shall become part of the rulemaking record in the event that the rule is adopted.

Department of Health

Environmental Health Division

Notice of Solicitation of Outside Information or Opinions Regarding Proposed Adoption of Rules Governing Asbestos-Related Work

NOTICE IS HEREBY GIVEN that the Minnesota Department of Health (MDH) is seeking information or opinions from sources outside the MDH in preparing to revise adopted *Minnesota Rules*, Chapter 4620 governing asbestos abatement. Within Chapter 4620, MDH is considering amending or repealing the following rule parts:

Part 4620.3000	PURPOSE AND SCOPE
Part 4620.3100	DEFINITIONS
Part 4620.3200	LICENSING REQUIREMENTS FOR ASBESTOS ABATEMENT CONTRACTORS INTENDING TO PERFORM ASBESTOS-RELATED WORK
Part 4620.3300	CERTIFICATION OF ASBESTOS ABATEMENT SITE SUPERVISORS AND ASBESTOS ABATEMENT WORKERS
Part 4620.3400	ASBESTOS ABATEMENT CONTRACTOR RESPONSIBILITIES
Part 4620.3500	STANDARDS FOR ASBESTOS-RELATED WORK
Part 4620.3700	REQUIREMENTS FOR MINNESOTA APPROVAL OF ASBESTOS ABATEMENT TRAINING COURSES

In addition to the parts listed above, *Minnesota Rules*, part 4717.7000, subpart 1 on variance requests must be updated to correspond with new legislative authority granted in 1993 and 1994.

New parts to the asbestos abatement rules may be needed as warranted by the subject matter. Areas for which new rules need to be drafted include:

INSPECTOR, MANAGEMENT PLANNER, PROJECT DESIGNER CERTIFICATIONS
INSPECTOR, MANAGEMENT PLANNER, PROJECT DESIGNER WORK PRACTICES
AIR MONITORING - MODEL PLAN
SMALL PROJECTS NOTIFICATION
SMALL PROJECTS WORK PRACTICES
CONTRACTING ENTITIES

A notice of solicitation was published in volume 18, number 7 of the Minnesota "State Register" on Monday, August 16, 1993. That notice estimated that rules would take effect by the summer of 1994. During the 1994 legislative session, however, the statutes governing asbestos abatement were amended by *Laws of Minnesota 1994*, chapter 567. The existing rule must be updated to address the 1994 changes in state law governing asbestos-related activities. To draft language which will be consistent throughout the rule, it is also necessary to review parts 4620.3000 and 4620.3500 at this time.

Laws of Minnesota 1993 chapter 303 amended *Minnesota Statutes*, sections 326.70 to 326.81. Chapter 303 expanded the definition of asbestos-related work to include air quality monitoring. Rules must be developed to address licensing persons performing air quality monitoring. *Laws of Minnesota 1993*, chapter 303 requires that the commissioner certify asbestos inspectors, asbestos abatement management planners, and asbestos abatement project designers. State law directs the commissioner to set fees for the disciplines listed above and for fees to be submitted by training course providers. A \$35.00 project fee is set in statute for asbestos related work performed in single or multi-family residences. Work practices for small projects will be addressed in rule. (*Minnesota Statutes*, section 326.73, subdivisions 2, 3 and 4, and section 326.75.)

Authority for the commissioner to specifically adopt and amend rules relating to asbestos abatement is governed by *Minnesota Statutes*, section 326.78, subdivision 1 which lists the duties of the commissioner.

With respect to fees, the Commissioner of Health will be following the authority and procedures set forth in *Minnesota Statutes*, section 144.122 and *Minnesota Statutes*, section 16A.1285.

Authority to establish procedures and criteria for variance requests to rules is found in *Minnesota Statutes*, section 14.05, subdivision 4.

The Minnesota Department of Health anticipates the rule will be proposed by spring of 1995, adopted by fall of 1995. An advisory work group will be formed to discuss draft rule provisions governing asbestos abatement. The department will reconvene an advisory work group with representatives from: Asbestos Abatement Training Course Providers; Builders' Associations; Consultants in the areas of architecture, engineering and industrial hygiene; Minnesota Asbestos Abatement Contractor's Association; Minnesota Chamber of Commerce/Minnesota Business Partnership; Minnesota Department of Administration; Minnesota Department of Education; and the University of Minnesota School of Public Health.

The Minnesota Department of Health requests information and opinions on the subject matter of these rules at this time. Interested or affected persons or groups may submit data or views on the subject matter of the rules in writing or orally. Written statements should be addressed to:

Kathleen G. Norlien
Asbestos Abatement Unit
Minnesota Department of Health
Division of Environmental Health
925 Southeast Delaware Street
Minneapolis, Minnesota 55459-0040

Oral statements will be received during regular business hours over the telephone at (612) 627-5099 by Ms. Norlien and in person at the above address.

All statements of information and opinions in response to this notice will be accepted until notice of the proposed rules is published. Any written material received by the Minnesota Department of Health becomes part of the rulemaking record to be submitted to the attorney general or administrative law judge in the event the rule is adopted.

Patricia A. Bloomgren, Director
Division of Environmental Health

Official Notices

Department of Health

Health Care Delivery Policy

Notice Regarding Quarterly Change in Regional and National Consumer Price Index

Pursuant to *Minnesota Laws 1993*, Chapter 345, Article 3, Section 2, subdivision 1, the commissioner of health is required to publish the quarterly change in the regional consumer price index for urban consumers. This publication is intended to monitor change in the general inflation as measured by the quarterly change in the north-central CPI-U index. The quarterly change in U.S. city average CPI-U index and the seasonally adjusted annualized rate of this quarterly change are also published for comparative purposes.

The change in the average, unadjusted regional urban-consumer price index for all items for the North-Central Region, from 2nd quarter to 3rd quarter 1994 is 1.14 percent.

The change in the average, unadjusted national urban-consumer price index for all items, from 2nd quarter to 3rd quarter 1994 is 0.88 percent.

The seasonally adjusted annualized rate of change in the average national urban-consumer price index, from 2nd quarter to 3rd quarter 1994 is 3.57 percent.

Department of Labor and Industry

Labor Standards Division

Notice of Correction to Prevailing Wage Rates

Prevailing wage rates determined and certified October 24, 1994, for 407 - ELECTRICIAN, Bagley Jr. & Sr. High School commercial construction has been corrected.

Copies of the corrected certification may be obtained by contacting the Minnesota Department of Labor and Industry, Prevailing Wage Section, 443 Lafayette Road, St. Paul, Minnesota 55155-4306, or calling (612) 296-6452.

John B. Lennes, Jr.
Commissioner

Department of Labor and Industry

Labor Standards Division

Notice of Prevailing Wage Certifications for Commercial Construction Projects

Effective December 19, 1994 prevailing wage rates were determined and certified for commercial construction projects in the following counties:

Anoka: St. Francis Elementary & Middle Phase I Addition/Alterations, Cedar Elementary Addition, East Bethal Elementary-St. Francis.

Cass: ISD #118 Remer/Longville Elevator Addition-Longville.

Crow Wing: ISD #181 Riverside Elementary School Additions & Remodeling-Brainerd.

Hennepin: Energy Management Center Chiller Replacement-Mpls/St. Paul Airport; Hennepin County Annual Contract Granite & Tile Repairs-Minneapolis.

Polk: U of M Hay/Shaving Storage Bin-Crookston.

St. Louis: Western Lake Superior Sanitary District Collection System-Duluth.

Copies of the certified wage rate for these projects may be obtained by writing the Minnesota Department of Labor and Industry, Prevailing Wage Section, 443 Lafayette Road, St. Paul, Minnesota 55155-4306. The charge for the cost of copying and mailing are \$1.36 per project. Make check or money order payable to the State of Minnesota.

John B. Lennes, Jr.
Commissioner

Pollution Control Agency

Water Quality Division

Notice of Solicitation of Outside Information or Opinions Regarding Proposed Amendments to Rules Governing Individual Sewage Treatment Systems, *Minnesota Rules* ch. 7080, and Proposed New Rules Governing a Licensing Program for Persons that Install and Maintain Individual Sewage Treatment Systems

NOTICE IS HEREBY GIVEN that the Minnesota Pollution Control Agency (Agency) is seeking information or opinions from sources outside the Agency in preparing to propose rules to fulfill the rulemaking mandate under the Individual Sewage Treatment Act (Act), *Minnesota Laws 1994* ch. 617.

This is the second notice of solicitation of outside information or opinions. The first notice was published in the "State Register" on September 6, 1994, (CITE 19 S.R. 557). Please see this notice for a discussion of the Agency's rulemaking and advisory committee plans and meeting strategy.

The Agency requests information and opinions concerning the subject matter of the rule. Interested persons or groups may submit data or views on the subject matter of concern in writing or orally. Written statements should be addressed to:

Debbie Olson
 Individual Sewage Treatment Systems Team
 Water Quality Division
 Minnesota Pollution Control Agency
 520 Lafayette Road North
 St. Paul, Minnesota 55155-4194

Oral statements will be received during regular business hours over the telephone at (612) 296-8238 and in person at the above address.

All statements of information and opinions shall be accepted until January 6, 1995, at 4:30 p.m. Any written material received by the Agency shall become part of the rulemaking record to be submitted to the attorney general or administrative law judge in the event that the rule amendments and new rules are adopted.

Charles W. Williams
 Commissioner

Gambling in Minnesota

Lawful Gambling Statutes 1992

Chapter 349. 65 pp. 2-5 SR \$ 6.95

Lawful Gambling Rules 1993

Chapter 7861 thru 7865. 80pp. 3-3 SR \$ 6.95

Gambling Manager's Handbook 1992

Requirements of gambling activities 10-19SR \$16.95

High Stakes: Gambling in Minnesota 1992

Overview to gambling in Minnesota 10-46SR \$ 8.95

Gambling in Minnesota 1993

Supplement to High Stakes Gambling 10-26s1SR \$ 5.95

Gaming News Subscription

Yearly subscription. 90-8SR \$40.00

Gambling Organizations Directory

Lists name and address of licensed gambling organizations in Minnesota 99-2SR \$29.95

Regulatory Accounting Manual

Procedures guide includes tax forms 10-40SR \$14.95

Accounting Manual Worksheets 8-11SR \$ 7.95

View-through Binder 8 1/2 x 11 10-25 SR \$ 5.95

Tab Dividers 10 per package 10-19 SR \$16.95

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State Grants

In addition to requests by state agencies for technical/professional services (published in the State Contracts section), the *State Register* also publishes notices about grant funds available through any agency or branch of state government. Although some grant programs specifically require printing in a statewide publication such as the *State Register*, there is no requirement for publication in the *State Register* itself.

Agencies are encouraged to publish grant notices, and to provide financial estimates as well as sufficient time for interested parties to respond.

Department of Health

Division of Family Health: Minnesota Children with Special Health Needs

Consultant Contracts Available for Medical and Related Services for Children with Special Health Care Needs

Openings exist at clinics for:

1. Board certified or approved physicians to provide medical examinations;
2. Board certified dentists and dental specialists to provide dental examinations;
3. Registered/certified public health or pediatric nurses to provide nursing services;
4. Licensed psychologists to provide psychological assessments;
5. Licensed social workers to provide social work consultation;
6. Certified audiologists to provide audiological examinations;
7. Registered occupational therapists to provide occupational therapy assessments;
8. Certified speech pathologists to provide speech assessments;
9. Registered physical therapists to provide physical therapy assessments;
10. Registered dietitians to provide nutritional counseling;
11. Licensed educational consultants to provide educational assessments;
12. Technicians to provide examinations/assessments.

Qualified, interested persons should contact Janet Olstad, Minnesota Children with Special Health Needs, 717 Delaware Street, SE, Box 9441, Minneapolis, MN 55440-9441. Phone 612/623-5150 by January 9, 1995.

A total of \$227,000 for each of two years has been budgeted to fund these positions. Funding for individual positions varies by category and position.

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Department of Health

Division of Environmental Health

Notice of Lead Abatement Training Grants

Funding Available

The Minnesota Department of Health (MDH) has been awarded a \$108,000 grant from the U.S. Department of Housing and Urban Development (HUD) to conduct initial lead abatement training courses for lead abatement contractors, lead abatement workers, and swab team workers. A "Request For Proposal" for lead abatement training courses will be published in the "State Register" on February 27, 1995. Only providers of lead training courses that are approved under Minnesota law prior to February 27, 1995 will be eligible to apply for funding under this grant.

Course Review and Approval Process

To perform lead abatement in Minnesota, a lead abatement contractor or supervisor must obtain a license and a lead abatement worker or swab team worker must obtain a certificate from the MDH. To obtain a license or certificate, an applicant must successfully complete an initial lead abatement training course approved by statutory reference or by the MDH.

Providers of initial lead abatement training courses which are already approved are eligible to apply for the HUD-funded training grants. Providers of other courses will be eligible if the courses are approved by MDH prior to February 27, 1995. This funding is not intended for annual refresher lead abatement training courses.

The MDH's goal is to complete the course review in 25 business days. Course providers must submit a complete course application and \$100.00 fee to have a course reviewed. To be eligible for the HUD grant funds, an approvable lead abatement training course must be submitted to the MDH as soon as possible, but no later than 4:30 p.m. January 17, 1995. Courses are reviewed in the order received. If many courses are submitted, then MDH staff may not be able to review all courses prior to February 27, 1995. A course that is not approvable as originally submitted may be amended to correct deficiencies but might not be approved prior to February 27, 1995. To order a course application packet, contact:

Ms. Deborah Recksiedler Grundmanis (612) 627-5494
Minnesota Department of Health
Environmental Health Hazard Management
925 Southeast Delaware Street
P.O. Box 59040
Minneapolis, Minnesota 55459-0040

Course Structure

A total of fourteen lead abatement training courses are to be presented. Seven courses are to be held in the seven-county Minneapolis/St. Paul Metropolitan area. Seven courses are to be held in greater Minnesota. Each course may be presented to up to 30 attendees. In each area, three of these courses are to be presented to prospective contractors and workers. In each area, four courses are to be presented to prospective swab team workers. All course attendees must be Minnesota residents. Attendees of training courses for swab teams must be recruited from low or moderate income people.

Budget/Timeframe

All of the courses must be presented by September 15, 1995. Course providers may bid for the seven courses to be presented in the seven-county Minneapolis/St. Paul Metropolitan area, or for the seven courses to be presented in greater Minnesota, or for all fourteen courses. Of the \$108,000 available, \$54,000 will be provided to conduct the seven courses to be held in the Minneapolis/St. Paul area and \$54,000 will be provided to conduct the seven courses to be held in greater Minnesota.

Attendees may be charged fees but not more than \$200 per person for each lead abatement contractor or lead abatement worker and not more than \$100 per swab team worker. The \$54,000 budgets include these fees so a proposal that charges less than these amounts per attendee or that recruits fewer than 30 attendees per course will receive less total funding.

State Grants

Housing Finance Agency

Request for Proposals for Low and Moderate Income Rental Program (Financing Option I)

The Minnesota Housing Finance Agency announces the availability of mortgage funds for the Acquisition or Refinance and Rehabilitation or New Construction of multi-family rental housing for low and moderate income Minnesota households.

Location:

Statewide

Sponsor:

Limited Dividend and Non-Profit Sponsors are eligible.

Amount of Funds Available:

\$10 million for first mortgage loans. This program may be jointly processed with HOME funds, City participation, Federal Tax Credits and/or other funding sources. \$750,000 rehabilitation incentive loans.

Allocation of Funds:

	First Mortgage	Incentive Loan
Minneapolis/St. Paul	\$2,500,000	\$187,500
Balance of Metro Area	\$5,000,000	\$375,000
Greater Minnesota	\$2,500,000	\$187,500

Financing Terms:

First mortgages currently 3.5%, plus .5% 15 year term. Minimum loan amount is \$100,000, generally not to exceed \$2,500,000. Rehabilitation incentive loans, 0%, deferred 15 year term.

Eligible Uses:

Acquisition or refinance and rehabilitation of existing apartment buildings.

The MHFA is willing to consider innovative housing ideas that involve New Construction or Substantial Rehabilitation. General priority is for family housing. Contact the MHFA in advance to discuss these types of developments.

Eligible Developments:

Proposals reviewed on a case by case basis. Minimum of ten housing units.

Rent Limits:

40% of units affordable to persons at 60% of income; or 20% of units affordable to persons at 50% of income; and the balance of units with rents at or less than 1.2 times the Fair Market Rent.

Income Limits:

40% of the units must be occupied by individuals/families whose income is 60% or less of area median income; or 20% of the units must be occupied by individuals/families whose income is 50% or less than area median income.

25% of the units may have unrestricted incomes.

The balance of units must be occupied by tenants with incomes equal to or less than 66 times the gross rent.

Other Requirements:

Developments will be underwritten based on the MHFA's housing experience. Each development will be evaluated based on its own merits.

A maximum mortgage of 90% loan to value.

Procedures:

Applicants should request application packets from the Agency, write or call the Minnesota Housing Finance Agency, 400 Sibley Street, Suite 300, St. Paul, Minnesota 55101, Attn: Multi-Family Division, (612) 297-3294.

It is the policy of the Minnesota Housing Finance Agency (MHFA) to further fair housing opportunity in all Agency programs and to administer its housing programs affirmatively, so that all Minnesotans of similar income levels have equal access to Agency programs regardless of race, color, creed, religion, national origin, sex, marital status, status with regard to receipt of public assistance, disability, or familial status.

Housing Finance Agency

Request for Proposals for Low and Moderate Income Rental Program (Financing Option II)

The Minnesota Housing Finance Agency announces the availability of mortgage funds for the Acquisition and Rehabilitation or New Construction of multi-family rental housing for low and moderate income Minnesota households.

Location:

Statewide

Sponsor:

Limited Dividend and Non-Profit Sponsors are eligible.

Amount of Funds Available:

\$5 million for first mortgage loans. This program may be jointly processed with HOME funds, City participation, Federal Tax Credits and/or other funding sources. \$625,000 rehabilitation incentive loans.

Financing Terms:

First mortgages currently 9.5%, 30 year term subject to Agency cost of issuing tax exempt bonds. Minimum loan amount is \$750,000, generally not to exceed \$3,000,000. Rehabilitation incentive loans, 0% or 1%, deferred 30 year term.

Eligible Uses:

Acquisition and rehabilitation of existing apartment buildings.

The MHFA is willing to consider innovative housing ideas that involve New Construction. General priority is for family housing. Contact the MHFA in advance to discuss these types of developments.

Eligible Developments:

Proposals reviewed on a case by case basis. Minimum of 50 housing units.

Rent Limits:

40% of units affordable to persons at 60% of income; or 20% of units affordable to persons at 50% of income; and the balance of units with rents at or less than 1.2 times the Fair Market Rent.

Income Limits:

40% of the units must be occupied by individuals/families whose income is 60% or less of area median income; or 20% of the units must be occupied by individuals/families whose income is 50% or less than area median income.

25% of the units may have unrestricted incomes.

The balance of units must be occupied by tenants with incomes equal to or less than 66 times the gross rent.

Other Requirements:

Developments will be underwritten based on the MHFA's housing experience. Each development will be evaluated based on its own merits.

A maximum mortgage of 90% loan to value.

Procedures:

Applicants should request application packets from the Agency, write or call the Minnesota Housing Finance Agency, 400 Sibley Street, Suite 300, St. Paul, Minnesota 55101, Attn: Multi-Family Division, (612) 297-3294.

It is the policy of the Minnesota Housing Finance Agency (MHFA) to further fair housing opportunity in all Agency programs and to administer its housing programs affirmatively, so that all Minnesotans of similar income levels have equal access to Agency programs regardless of race, color, creed, religion, national origin, sex, marital status, status with regard to receipt of public assistance, disability, or familial status.

State Grants

Housing Finance Agency

Request for Proposals for Low Income Large Family Rental Housing Program

The Minnesota Housing Finance Agency announces the availability of mortgage funds for the New Construction or Substantial Rehabilitation of multi-family rental housing for low and moderate income Minnesota households.

Location:

Twin Cities Suburban and Greater Minnesota*

Sponsor:

Limited Profit, Non-Profit and Cooperative Entities are eligible.

Amount of Funds Available:

\$1,713,000 in second mortgage funds. This program is jointly processed with the MHFA New Construction Tax Credit Mortgage/Bridge Loan Program, under which \$7.5 million in mortgage funds have been reserved.

Allocation of Funds:

Hennepin and Ramsey Counties (excluding the cities of St. Paul and Minneapolis); Dakota, Washington, Anoka, Scott and Carver Counties, \$1,188,000; and Greater Minnesota, \$525,000.

Financing Terms:

0%, 30 year deferred subordinated mortgages.

Eligible Uses:

New Construction or Substantially Rehabilitated family oriented design (e.g. townhouses, 1 and 2 story apartments) with a minimum of 5 units. In Greater Minnesota, the Agency is also willing to finance single family, duplexes, tri-plexes and four-plexes provided the minimum number of units in the development is five.

Housing may not be restricted to persons 55 or older; emphasis will be placed on two bedroom and larger housing units, or the applicant must demonstrate that the development meets a locally identified housing need and is in short supply in the local housing market by submitting credible data with the application.

Other Requirements:

All assisted units must be occupied by families with incomes less than 60% of the County or State of Minnesota Non-Metro Median average, whichever is greater, as defined by the U.S. Department of Housing and Urban Development (HUD).

75% of the assisted units must be rented to families with children. The remaining 25% of the assisted units must be rented with preference to families with children.

Rents:

The maximum rents that may be charged is 30% of the applicable monthly income limit.

MHFA Mortgage Limits:

\$33,000 per unit and \$396,000 per development for Hennepin, Ramsey (excluding the cities of St. Paul and Minneapolis), Dakota, Washington, Anoka, Scott and Carver Counties; \$35,000 per unit and \$525,000 per development for Greater Minnesota.

Procedures:

Applicants should request application packets from the Agency, write or call the Minnesota Housing Finance Agency, 400 Sibley Street, Suite 300, St. Paul, Minnesota 55101, Attn: Multi-Family Division, (612) 297-3294 or 1-800-657-3701.

Applications will be accepted on an open pipeline basis; however, to be eligible for the initial selection round, **APPLICATIONS MUST BE RECEIVED BY THE AGENCY BY 4:30 P.M. ON FEBRUARY 10, 1995.**

* Please contact the Agency for information regarding the geographic allocation plan as well as other sources of subsidy.

It is the policy of the Minnesota Housing Finance Agency (MHFA) to further fair housing opportunity in all Agency programs and to administer its housing programs affirmatively, so that all Minnesotans of similar income levels have equal access to Agency programs regardless of race, color, creed, religion, national origin, sex, marital status, status with regard to receipt of public assistance, disability, or familial status.

Housing Finance Agency

Request for Proposals for New Construction Tax Credit Mortgage/Bridge Loan Program

The Minnesota Housing Finance Agency announces the availability of mortgage funds for the New Construction or Substantial Rehabilitation of multi-family rental housing for low and moderate income Minnesota households.

Location:

Statewide

Sponsor:

Limited Profit, Non-Profit and Cooperative Entities are eligible.

Amount of Funds Available:

\$7.5 million for First Mortgage and Bridge Loans.

Allocation of Funds:

Minneapolis/St. Paul \$1,275,000; Balance of Hennepin and Ramsey Counties, Dakota, Washington, Anoka, Scott and Carver Counties \$3,750,000; Greater Minnesota \$2,475,000.

Financing Terms:

Market rate 8.5%, 25 year amortization and 17 year term mortgage; 7% and 8% shorter term bridge loans secured by Federal Low Income Housing Tax Credit (LIHTC) syndications.

Eligible Uses:

The new construction or substantial rehabilitation of rental housing which qualifies for Federal Low Income Housing Tax Credits. Bridge loans are processed in conjunction with Agency first mortgage loan financing, or can be provided to developments without amortized debt.

Eligible Developments:

Minimum of five housing units.

Other Requirements:

Developments must meet Federal Low Income Housing Tax Credit rent and tenant income limits as modified by the MHFA. The Agency has placed an emphasis on financing partial LIHTC developments and developments with rents affordable to tenants with less than 50% of median income.

Procedures:

To request application packets from the Agency, write or call the following:

Minnesota Housing Finance Agency
Multi-Family Division
400 Sibley Street, Suite 300
St. Paul, MN 55101
Phone: (612) 297-3294 or 1-800-657-3701

Applications will be accepted on an open pipeline basis; however, to be eligible for the initial selection round, **APPLICATIONS MUST BE RECEIVED BY THE AGENCY BY 4:30 P.M. ON FEBRUARY 10, 1995.**

It is the policy of the Minnesota Housing Finance Agency (MHFA) to further fair housing opportunity in all Agency programs and to administer its housing programs affirmatively, so that all Minnesotans of similar income levels have equal access to Agency programs regardless of race, color, creed, religion, national origin, sex, marital status, status with regard to receipt of public assistance, disability, or familial status.

Professional, Technical & Consulting Contracts

Department of Administration procedures require that notice of any consultant services contract or professional and technical services contract which has an estimated cost of over \$10,000 be printed in the *State Register*. These procedures also require that the following information be included in the notice: name of contact person, agency name and address, description of project and tasks, cost estimate, and final submission date of completed contract proposal. Certain quasi-state agencies are exempted from some of the provisions of this statute.

In accordance with *Minnesota Rules* Part 1230.1910, certified Targeted Group Businesses and individuals submitting proposals as prime contractors shall receive the equivalent of a 6% preference in the evaluation of their proposal. For information regarding certification, call the Materials Management Helpline (612)296-2600 or [TDD (612)297-5353 and ask for 296-2600].

Department of Health

Family Health

Notice of Request for Proposals to Provide Workshops on Identification of Early Signs of Mental Health Needs and Referral Criteria

Notice of Request for Proposal to plan and provide a series of five workshops on the identification of early signs of mental health needs and criteria for referral. The workshop participants will be public health nurses, nurses in medical offices, mental health professionals, social workers, teachers and other health care professionals.

The Minnesota Department of Health is seeking proposals from qualified individuals to conduct training sessions as mentioned above.

The consultant/trainer must have the following qualifications:

- PhD prepared child psychologist
- Extensive clinical practice
- Proven ability to conduct consultation for mental health professionals in community based centers
- Ability to develop curriculum on mental health needs and screening of children and adolescents
- Experienced presenter of mental health topics
- Experience with public health system and State screening programs for children and adolescents
- Has published in the professional and popular press
- Participation in community service and advocacy activities

A series of five workshops will be held throughout the State in 1995, starting in February and continuing through June. The total amount of reimbursement will not exceed \$3750. For more information regarding Request for Proposal or to submit proposals, please contact:

Maria C. Rubin
Maternal Child Health Section
Minnesota Department of Health
717 Delaware St. S.E.
Mpls, MN 55440-9441
612-623-5342

Proposals must be received by 4:30 p.m., Dec. 27, 1994.

Department of Transportation

Transportation Research Investment Management Division

Notice of Availability of Contract for "Traffic Operations and Safety Research"

The Department of Transportation is requesting proposals for the purpose of conducting Traffic Operations and Safety research. The objective of this program is to obtain a list of contractors to perform Traffic Operation and Safety research.

The projects will entail gathering data, performing research procedures, writing final reports, and other related research work.

The entire list of tasks required for this study are included in the complete Request for Proposal.

It is anticipated that the contract period will begin in January 1995 and continue through January 1997.

Non-State Public Bids, Contracts & Grants

To obtain a copy of the completed Request for Proposal, contact:

Steven M. Lund
Minnesota Department of Transportation
Office of Research Administration
117 University Ave., Room 206
St. Paul, MN 55155
(612) 282-2687

Proposals must be received at the above address no later than 3:00 P.M. on January 6, 1995.

This request does not obligate the State of Minnesota Department of Transportation to complete the work contemplated in this notice, and the department reserves the right to cancel this solicitation. All expenses incurred responding to this notice shall be borne by the responder.

Non-State Public Bids, Contracts & Grants

The *State Register* also serves as a central marketplace for contracts let out on bid by the public sector. The *Register* meets state and federal guidelines for statewide circulation of public notices. Any tax-supported institution or government jurisdiction may advertise contracts and requests for proposals from the private sector.

It is recommended that contracts and RFPs include the following: 1) name of contact person; 2) institution name, address, and telephone number; 3) brief description of project and tasks; 4) cost estimate; and 5) final submission date of completed contract proposal. Allow at least three weeks from publication date (four weeks from date article is submitted for publication). Surveys show that subscribers are interested in hearing about contracts for estimates as low as \$1,000. Contact the editor for further details.

Minnesota Health Data Institute

Minnesota Institute for Community Health Information

Notice of Request for Proposals for Consumer Survey Data Collection Services

The Minnesota Health Data Institute (MHDI) / Minnesota Institute for Community Health Information (MICH) seeks a firm to assist its Consumer Survey Task Force to conduct data collection for the 1995 MHDI Consumer Survey. MHDI/MICH will supply the contractor with the questionnaire and data files of enrollee information for each of the 50 private sector and public program health plans participating in the survey. The contractor will complete the following tasks by May 31, 1994: 1) check the data files and draw samples from these data files for use in conducting the survey, 2) conduct 400 telephone interviews per plan for a total of 20,000 interviews, 3) summarize the descriptive survey results in stub and banner tables, and 4) prepare diskettes containing the data files. (Data analysis services for the survey data will be sought under a separate request for proposals to be issued by MHDI/MICH in several months.)

Contractor should have demonstrated skills and experience in computer-assisted telephone interviewing (CATI), including experience with health care surveys and surveys of Medicaid and Medicare beneficiaries. Contractor should have a track record of on-time performance on large-scale projects, and the capability to complete 20,000 15-minute CATI telephone interviews within the required timeframe of several months. These interviews are to be conducted from no more than three CATI sites operated directly by the contractor (subcontracting is not permitted).

The contractor will be selected through a competitive bidding process. Details are contained in a request for proposals that may be obtained by contacting:

Deb Anderson
Minnesota Health Data Institute
Piper Jaffray Plaza, Suite 910
444 Cedar Street
St. Paul, MN 55101
(612) 228-4373 or (612) 222-4209 (fax)

Proposals are due by 5:00 p.m. on Thursday, January 12, 1995.

Non-State Public Bids, Contracts & Grants

Metropolitan Council

Notice of Request for Proposals for Aviation Consulting Services

The Metropolitan Council is requesting proposals for technical and professional services for preparation of the **1995 Annual Contingency Assessment and for Community/Airport Protection and Land Use Compatibility work**. Proposals may be submitted for one or both projects.

- **1995 Annual Contingency Assessment** - The purpose of this RFP is to monitor and anticipate trends and conduct an annual re-evaluation of the Twin Cities' major airport dual-track planning and development strategy. This assessment will help define the type, timing and level of development recommended for Minneapolis-St. Paul International Airport (MSP) and/or development of a new replacement airport.
- **Community/Airport Protection and Land Use Compatibility** - Increasing urban development pressures and proposed airport developments create a number of land use compatibility issues. Continuous efforts in community and airport protection evaluation will occur. Land use planning and mitigation measures for the reliever airports are to be identified, along with an implementation strategy.

It is anticipated that the projects will be funded primarily by a grant from the Federal Aviation Administration. They will commence about June 1, 1995 and be completed by July 31, 1996. A disadvantaged business-enterprise (DBE) participation goal has been set for these projects. Five copies of all proposals should be submitted to the Metropolitan Council, Mears Park Centre, 230 East Fifth Street, St. Paul, Minnesota 55101, attention of Chauncey Case. The deadline for submission is 5 p.m., January 17, 1995. Request copies of the RFP's by calling (612) 291-6342, 291-6308 or 291-0904 (TDD).

NEW Fire Code Books Now Available

Minnesota State Fire Marshal Amendments 1993

Minn. Rules Chapter 7510.3100 - 7510.3280.
State fire safety standards for buildings, smoke detectors and alarms and changes to the Uniform Fire Code. Also rules governing storage and handling of flammable materials. **3-80 SR \$6.00**

Uniform Fire Code 1991

National fire standards. Includes requirements for inspections, fire extinguishers, storage and handling of combustible materials, fireworks and more. **19-37 SR \$48.75**



Available through Minnesota's Bookstore. Use the handy order form on the back of the *State Register* to order. Visit Minnesota's Bookstore to view a variety of building code publications.

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Long Term Care & Hospice - Tools for the Professional

---Training Materials---

Long Term Care Nursing Assistant Course

Curriculum stresses the nursing assistant's role as part of a team of health care providers. Training program divided into 13 units covering care concerns-- personal care, communications, emergency measures, patient/resident rights, mental health and social service needs, et.al. (Binder not included.) (MN Tech. College System, 1991)

Instructor's Guide-- Stock No. 5-12 \$35.00

Looseleaf, 342pp. Includes guide, curriculum & skill sheets.

Student Skill Sheets-- Stock No. 5-13 \$6.95

Looseleaf, 123pp.

Nurse Aide/Home Health Aide Course:

Curriculum developed to meet the 75 hour training requirement under state and federal regulations for aides providing home health care or nursing assistant facility. Comprehensive skill development. (Health 1993)

Instructor's Guide-- Stock No. 10-53 \$35.00

Looseleaf, 124pp. Binder and tabs included.

Student Handbook-- Stock No. 10-52 \$39.00

Looseleaf, 267pp. Binder and tabs included.

Student Skills Sheets-- Stock No. 10-54 \$9.95

Looseleaf, 108pp. (no binder)

---Laws & Rules---

Home Health Care/Hospice Rules

MN Statutes Chapter 144A and MN Rules Chapters 4668 and 4669. 61pp. Stock No. 3-82 \$6.95

Nursing & Boarding Care Home Rules

Chapters 4620.1200, 4638, 4655, and 4660 (1993). Licensing requirements for facilities where nursing, personal or custodial care is provided. 215pp. Stock No. 3-12 \$14.00

---Patient & Family Education---

A Guide to Home Care & Hospice Services

Handy "flip chart" booklet provides an overview of home care and hospice services in Minnesota. Topics covered include regulation of providers, agency licensing, services available, patient bill of rights, reporting abuse and neglect, and more. 8-1/2" x 11" (Health, 1993)

Stock No. 10-47 \$6.95/pkg. of 5



Bridging the Gap: A Training Manual for Respite Care Volunteers

Program assistance for the project director, coordinator of volunteers, or anyone associated with the training of volunteers in a respite care program for caregivers of chronically ill, frail, and elderly individuals. The manual offers ideas, plans, and resources to recruit, train, place and retain volunteers in a respite care program. Provides flexibility/options that enable the trainer to pick and choose training activities that are appropriate for the participants, the time available, and the trainer's skills.

Topics covered include:

- * Recruiting volunteers
- * Orientation
- * Understanding the caregiver
- * Handouts and forms
- * Dealing with care receiver's concerns, i.e. grief and loss
- * Practical tips for volunteers
- * Guidelines for trainers
- * Ice breaker activities
- * Resources
- * Communications skills

Looseleaf, 237pp. (MN Dept. of Human Services, 1993)
Stock No. 10-50 \$35.00

A Time for Choices

A compact booklet offering assistance in making decisions about death arrangements. Reviews burial, cremation, entombment, and ceremony options PLUS an itemization of costs and consumer protection services. 24pp., 15 copies/pkg. (Health, 1992)
Stock No. 10-14 \$15.00/pkg.

