

Chapter NR 670

MISCELLANEOUS UNIT STANDARDS

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NR 670.01 Purpose. The purpose of this chapter is to specify the requirements that apply to facilities not otherwise specified in chs. NR 600 to 685.

History: Cr. Register, February, 1991, No. 422, eff. 3-1-91.

NR 670.02 Applicability. The requirements in this chapter apply to owners and operators of facilities that treat, store or dispose of hazardous waste in miscellaneous units. This chapter does not apply to solid waste facilities that treat, store or dispose of only:

- (1) Non-hazardous solid waste,
- (2) Metallic mining wastes resulting from a mining operation as defined in s. 144.81 (5), Stats.,
- (3) Polychlorinated biphenyls (PCBs), except where portions of this chapter are referenced in ch. NR 157, or
- (4) A combination of wastes described in subs. (1) to (3).

History: Cr. Register, February, 1991, No. 422, eff. 3-1-91; correction made under s. 13.93 (2m) (b) 1, Stats., Register, August, 1992, No. 440.

NR 670.03 Definitions. The definitions in s. NR 600.03 apply to this chapter.

History: Cr. Register, February, 1991, No. 422, eff. 3-1-91.

NR 670.05 General. The requirements of this chapter apply to facilities not specifically covered by ch. NR 610, 615, 625, 630, 640, 645, 655, 660 or 665. Before any method of hazardous waste treatment, storage or disposal not otherwise provided for in ch. NR 610, 615, 625, 630, 640, 645, 655, 660 or 665 is established, the department shall require the applicant to conduct a feasibility study. If the proposal is determined by the department to be feasible, a plan of operation including complete plans, specifications and design data for the project detailing information as site preparation, operation, monitoring, closure and long-term care shall be submitted to and be approved in writing by the department prior to construction or operation. An initial plan review fee and operating license fee as specified in s. NR 680.45 shall be submitted for each proposal. Prior to operation of the facility, an operating license, variance or waiver is required. The facility and its operation shall conform to the department approved plan.

History: Cr. Register, February, 1991, No. 422, eff. 3-1-91.

Register, August, 1992, No. 440

NR 670.06 Feasibility and plan of operation report for miscellaneous treatment or storage units. No person may establish or construct a miscellaneous unit for the treatment or storage of hazardous waste, expand an existing facility or be issued an initial operating license under s. NR 680.32 without first obtaining approval of a feasibility and plan of operation report. The purpose of the feasibility and plan of operation report is to determine whether the site has potential for use as a miscellaneous unit and to identify and address any operating conditions which are necessary for the proper operation of the facility. Favorable feasibility determination and plan approval under this section does not guarantee final licensure. The feasibility and plan of operation report for a miscellaneous unit shall be submitted in accordance with s. 144.44, Stats., and ss. NR 680.05 (1) and 680.06 (3) and shall contain, at a minimum, the following information:

(1) A detailed description of the unit being used or proposed for use, including:

(a) Physical characteristics, materials of construction and dimensions of the unit;

(b) Detailed plans and engineering reports describing how the unit shall be located, designed, constructed, operated, maintained, monitored, inspected and closed to comply with ss. NR 670.07 and 670.08; and

(2) Detailed hydrologic, geologic and meteorologic assessments and land-use maps for the region surrounding the site that address and ensure compliance of the unit with s. NR 670.07. If the applicant can demonstrate to the satisfaction of the department that the facility does not violate s. NR 670.07, then preliminary hydrologic, geologic and meteorologic assessments shall suffice.

(3) Information on the potential pathways of exposure of humans or environmental receptors to hazardous waste or hazardous constituents including the potential magnitude and nature of exposures.

(4) For any treatment unit, a report on a demonstration of the effectiveness of the treatment based on laboratory or field data.

(5) Any additional information determined by the department to be necessary for evaluation of compliance of the unit with the performance standards of s. NR 670.07.

History: Cr. Register, February, 1991, No. 422, eff. 3-1-91.

NR 670.07 Feasibility report and plan of operation requirements for miscellaneous disposal units. No person may establish or construct a miscellaneous unit for the disposal of hazardous waste, expand an existing facility or be issued an initial operating license under s. NR 680.32 without first obtaining approval of a feasibility report describing the physical conditions of the proposed facility and subsequently obtaining approval of a plan of operation from the department. Unless otherwise approved, the feasibility report shall contain the information specified in s. NR 660.09 and the plan of operation shall contain the information specified in s. NR 660.10.

History: Cr. Register, February, 1991, No. 422, eff. 3-1-91.
Register, August, 1992, No. 440