

Chapter NR 229

CONCRETE, LIME AND GYPSUM INDUSTRIES
(INTERIM EFFLUENT LIMITATIONS)

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Note: Pursuant to chapter 147 Wis. Stats. and under the procedure of section 227.027 Wis. Stats., the department of natural resources has promulgated interim effluent limitations which were effective February 28, 1975 and will remain in effect for one year. These interim effluent limitations will be periodically replaced by permanent limitations.

NR 229.01 Purpose. The purpose of this chapter is to establish interim effluent limitations for discharges from industrial point sources identified herein as authorized by section 147.04(5), Wisconsin Statutes.

History: Cr. eff. 2-28-75.

NR 229.02 Applicability. These limitations apply to concrete products, ready mix concrete, lime, and gypsum products.

History: Cr. eff. 2-28-75.

NR 229.03 Application of interim limitations. These limitations apply to process water only and not to cooling water. Concrete products and ready mix concrete are generally classed as job-shop operations wherein wide variations in production levels occur, therefore, these industries are limited on concentration only.

History: Cr. eff. 2-28-75.

NR 229.04 Effluent characteristics and abatement models. Water use, and time of contact of water with leachable substances, should be reduced to a minimum. Frequent and unnecessary spillage, overflows, excess running water, and inefficient handling and washing methods should be eliminated. Process water from lime and gypsum manufacturing should be used for hydrator supply, scrubbing, and consumptive use. Concrete products and Ready Mix Concrete facilities should recycle their wash water to the maximum extent possible. The treatment system model used in the development of these limitations consisted of: Equalization of flow, Sedimentation, with coagulants where required, Neutralization, and Metal precipitation where required.

History: Cr. eff. 2-28-75.

NR 229.05 Table of interim effluent limitations.

Subcategory	Production Unit	TSS (1)	COD (1)
Concrete Products		20 mg/l	20 mg/l
Ready Mix Concrete		20 mg/l	20 mg/l
Gypsum Products	1000 tons	4	4
Lime Manufacture	1000 tons	50	50

Note: Limitations are for 30 day averages of concentrations or pounds per production unit where such units are shown.

History: Cr. eff. 2-28-75.