

NIR 230, 256, 274, 276



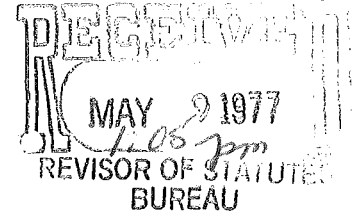
State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Anthony S. Earl  
Secretary

BOX 7921  
MADISON, WISCONSIN 53707

IN REPLY REFER TO: \_\_\_\_\_

STATE OF WISCONSIN )  
 )  
DEPARTMENT OF NATURAL RESOURCES ) SS



TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Anthony S. Earl, Secretary of the Department of Natural Resources and custodian of the official records of said Department, do hereby certify that the annexed copy of Natural Resources Board Order No. EL-106-76 was duly approved and adopted by this Department on December 16, 1976. I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at Pyare Square Building in the Village of Shorewood Hills, this 4<sup>TH</sup> day of May, 1977.

\_\_\_\_\_  
Anthony S. Earl, Secretary

(SEAL)

STATE OF WISCONSIN NATURAL RESOURCES BOARD

.....  
IN THE MATTER of repealing sections NR 230.11(2)(e),  
230.12(2)(e), 230.14, NR 230 tables 5, 6, 7, 8 & 9,  
NR 256.12(5), 256.14, NR 256 table 4, NR 274.12(4) &  
(5), 274.14, NR 274 table 5, NR 276.12(2) & (3) and  
276.14; amending sections NR 256.12 (intro. para.),  
256.12(2), NR 256 table 3, 256.13 and 274.13; and  
repealing and recreating NR 230.13(2), NR 230 tables  
1 & 4 and 276.13 of the Wisconsin Administrative Code  
pertaining to effluent limitations and standards  
.....

EL-106-76

ORDER OF THE STATE OF WISCONSIN NATURAL RESOURCES BOARD

REPEALING, AMENDING AND REPEALING & RECREATING RULES

Pursuant to the authority vested in the State of Wisconsin Natural Resources Board by sections 147.02, 147.021, 147.04, 147.06 and 147.07(2) and chapter 227, Wisconsin Statutes, the State of Wisconsin Natural Resources Board hereby repeals, amends, and repeals and recreates rules as follows:

SECTION 1 - Section NR 230.11 (2) (e) is repealed.

SECTION 2 - Section NR 230.12 (2) (e) is repealed.

SECTION 3 - Section NR 230.13 (2) is repealed and recreated to read:

(2) "III" in column IV of table 1 means that limitations for incompatible pollutants set forth in accordance with column III of table 1 shall apply.

SECTION 4 - Section NR 230.14 is repealed.

SECTION 5 - Table 1 of Chapter NR 230 is repealed and recreated to read:

Table 1  
Effluent Limitations and Standards

<u>Product Subcategory</u>	<u>Columns</u>			
	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>
Aluminum chloride	N	N	N	III
Aluminum fluoride (reserved)				
Aluminum sulfate	Nx1	Nx2	Nx2	III
Ammonium chloride, from NH <sub>3</sub> = Cl gas	N			
" " , recovery (1)	T2			
Ammonium hydroxide (reserved)				
Barium carbonate (reserved)				
Borax, by ore mining and by Trona process	NB			
Boric acid, from ore mined borax	T2			
" " , from Trona process borax	NB			
Bromine, brine mining and Trona process	NB			
Calcium carbide, in uncovered furnaces	N	N	N	III
Calcium carbonate, milk of lime process	T2			
" " , recovery (1)	T2			
Calcium chloride, brine extraction process	T2	N	N	III
Calcium hydroxide, lime slaking process	N			
Calcium oxide and hydroxide	Nx1	Nx2	Nx2	III
Carbon dioxide (reserved)				
Carbon monoxide (2), by reforming process	T2			
Chlorine (3), diaphragm cell	T2		T4	III
" " , Mercury cell	T2		T4	III
Chrome pigments (reserved)				
Chromic acid (4)	Nx			
Copper sulfate, from pure materials	T2			
" " , from impure materials	T3			
Cuprous oxide (reserved)				
Ferric chloride, from pickle liquor	N			
Ferrous sulfate (reserved)				
Fluorine, by liquid HF electrolysis	N			
Hydrochloric acid, (reserved)				
Hydrofluoric acid (reserved)				
Hydrogen, as refinery by-product	Nx			
Hydrogen cyanide, by-product (5) (reserved)				
" " , by Andrussov process (reserved)				
Hydrogen peroxide, electrolytic	T2			
" " , by oxidation (6)	T2			
Iodine	N			
Lead monoxide	N			
Lithium carbonate, Trona process	NB			
" " , from spodumene ore	T2			
Manganese sulfate (reserved)				
Nickel sulfate, from pure raw materials	N			
" " , from impure raw materials	T2			
Nitric acid, up to 68 percent (reserved)				
" " , strong (reserved)				
Oxygen and nitrogen, by air liquification	T2			

(Table 1. continued)

	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>
Potassium, metal	N	N	N	III
Potassium chloride, by Trona and mining	NB			
Potassium dichromate	N	N	N	III
Potassium iodide	T3			
Potassium permanganate (reserved)				
Potassium sulfate	Nx1	Nx2	Nx2	III
Silver nitrate	T2			
Sodium, metal, Downs cell (reserved)				
Sodium bicarbonate	N	N	N	III
Sodium bisulfite (reserved)				
Sodium carbonate (reserved)				
Sodium chloride, brine mining process	T2	N	N	III
" " , solar evaporation	NB	NB	NB	III
Sodium dichromate and by-product sulfate	T2		T4	III
Sodium fluoride (7)	N			
Sodium hydrosulfide (reserved)				
Sodium hydrosulfite (reserved)				
Sodium silicate (reserved)				
Sodium silicofluoride (reserved)				
Sodium sulfite (8)	T2	Nx2	N	III
Sodium thiosulfate (reserved)				
Stannic oxide (9)	N			
Sulfur dioxide (reserved)				
Sulfuric acid (10) (reserved)				
Titanium dioxide, sulfate process (reserved)				
" " , chloride process (reserved)				
Zinc oxide (reserved)				
Zinc sulfate	N			

## Footnotes:

- (1) from Solvay process wastes
- (2) and by-product hydrogen
- (3) and sodium or potassium hydroxide
- (4) in facilities manufacturing sodium dichromate
- (5) of acrylonitrile manufacture
- (6) of alkyl hydroanthroquinone
- (7) by the anhydrous neutralization process and the silicofluoride process
- (8) by reacting sulfur dioxide with sodium carbonate
- (9) by the reaction of tin with air or oxygen
- (10) in single or double absorption plants

SECTION 6 - Table 4 of Chapter NR 230 is repealed and recreated to read:

Table 4

<u>Product Subcategory</u>	<u>Standards of Performance</u>				
	<u>Suspended Solids</u>		<u>Other Parameters</u>		
	<u>Average</u>	<u>Maximum</u>	<u>Average</u>	<u>Maximum</u>	
Chlorine, diaphragm cell	0.32	0.64	0.00007	0.00014	Mercury
" , mercury cell	0.32	0.64	0.00004	0.00008	Lead
Solimn Dichromate	0.15	0.30	0.0005	0.001	Cr +6
			0.0044	0.088	Cr T

NOTE: For the above subcategories the pH of all discharges shall be within the range of 6.0-9.0.

Limitations of this table are in lbs/100 lbs or kg/1000 kg of product

SECTION 7 - Tables 5, 6, 7, 8 and 9 of Chapter NR 230 are repealed.

SECTION 8 - Section NR 256.12 (intro. para.) is amended to read:

NR 256.12 Standards of performance. For subcategories (1) through (3), the following effluent limitations establish the quantity or quality of pollutants or pollutant properties which may be discharged by a facility which is a new source subject to the provisions of this chapter.

SECTION 9 - Section NR 256.12 (2) is amended to read:

(2) The 30-day average limitations for suspended solids and other parameters for the subcategories identified in section NR 256.02 are set forth in table 3. The limitations are in lbs/Mwh for subcategories (1) and (2) and in lbs/1000 lbs. or kg/1000 kg. of production for subcategory (3).

SECTION 10 - Section NR 256.12 (5) is repealed.

SECTION 11 - Section NR 256.13 is amended to read:

NR 256.13 Pretreatment standards for new sources. For subcategories (1) through (3), the pretreatment standards for discharges to publicly owned treatment works from new sources subject to the provisions of this chapter shall be

as set forth in Wis. Adm. Code chapter NR 211, and in addition the limitations for incompatible pollutants shall be those set forth in section NR 256.12.

SECTION 12 - Section NR 256.14 is repealed.

SECTION 13 - Table 3 of Chapter NR 256 is amended to read:

Table 3  
Standard of Performance Effluent Limitation

Parameter	Susp. Solids	Cyanide	Chromium T	Chromium VI	Manganese	Ammonia as N	Phenols
Subcategory							
(1)	.026		.0009	.0001	.0086		
(2)	.035	.0006	.0012	.001	.012		.0005
(3)	.271		.0054		.054		

SECTION 14 - Table 4 of Chapter NR 256 is repealed.

SECTION 15 - Sections NR 274.12 (4) and (5) are repealed.

SECTION 16 - Section NR 274.13 is amended to read:

NR 274.13 Pretreatment standards for new sources. For subcategories (1) through (3), the pretreatment standards for discharges to publicly owned treatment works from new sources subject to the provisions of this chapter shall be as set forth in Wis. Adm. Code chapter NR 211, and in addition the limitations for incompatible pollutants shall be those set forth in section NR 274.12.

SECTION 17 - Section NR 274.14 is repealed.

SECTION 18 - Table 5 of Chapter NR 274 is repealed.

SECTION 19 - Sections NR 276.12 (2) and (3) are repealed.

SECTION 20 - Section NR 276.13 is repealed and recreated to read:

NR 276.13 Pretreatment standards for new sources. For subcategories (1) through (3), the pretreatment standards for discharges to publicly owned treatment works from new sources subject to the provisions of this chapter shall be as set forth in Wis. Adm. Code chapter NR 211 and in addition the limitation for incompatible pollutants shall be as set forth in section NR 276.12.

SECTION 21 - Section NR 276.14 is repealed.

The foregoing rules were approved and adopted by the State of Wisconsin Natural Resources Board on December 16, 1976.

The rules contained herein shall take effect upon publication.

Dated at Madison, Wisconsin 4 May 1977

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

By Anthony S. Earl  
Anthony S. Earl, Secretary

(SEAL)