

(Source: Amended at 3 Ill. Reg. 100, effective October 26, 1979)

Section 212.315 Covering for Vehicles

No person shall cause or allow the operation of a vehicle of the second division as defined by Ill. Rev. Stat. 1981, ch. 95 1/2, pars. 1-217, as revised, or a semi-trailer as defined by Ill. Rev. Stat. 1981, ch. 95 1/2, pars. 1-187, as revised, without a covering sufficient to prevent the release of particulate matter into the atmosphere, provided that this rule shall not pertain to automotive exhaust emissions.

(Source: Amended at 3 Ill. Reg. 100, effective October 26, 1979)

SUBPART L: PARTICULATE MATTER EMISSIONS FROM PROCESS EMISSION SOURCES

Section 212.321 New Process Sources

a) Except as further provided in this Part, no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission source which, either alone or in combination with the emission of particulate matter from all other similar new process emission sources at a plant or premises, exceeds the allowable emission rates specified in subsection (c) and Illustration B.

b) Interpolated and extrapolated values of the data in subsection (c) shall be determined by using the equation:

$$E = A(P)^B$$

where:

P = process weight rate; and,
E = allowable emission rate; and,

1) Up to process weight rates of 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	1.214	2.54
B	0.534	0.534

2) For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

P	Mg/hr	T/hr
E	kg/hr	lbs/hr
A	11.42	24.8
B	0.16	0.16

c) Limits for New Process Emission Sources

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lbs/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77
0.2	0.42	0.20	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9	3.9	10.00	8.70
13	4.8	15.00	10.80
18	5.7	20.00	12.50
23	6.5	25.00	14.00
27	7.1	30.00	15.60
32	7.7	35.00	17.00
36	8.2	40.00	18.20
41	8.8	45.00	19.20
45	9.3	50.00	20.50
90	13.4	100.00	29.50
140	17.0	150.00	37.00
180	19.4	200.00	43.00
230	22	250.00	48.50
270	24	300.00	53.00
320	26	350.00	58.00
360	28	400.00	62.00
408	30.1	450.00	66.00
454	30.4	500.00	67.00

where:

P = Process weight rate in metric or English tons per hour, and
E = Allowable emission rate in kilograms or pounds per hour.

(Source: Amended at 3 Ill. Reg. 184, effective September 28, 1979)

Section 212.322 Existing Process Sources

a) Except as further provided in this Part, no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any existing process emission source which, either alone or in combination with the emission of particulate matter from all other similar new or existing process emission sources at a plant or premises, exceeds the allowable emission rates specified in subsection (c) and Illustration C.

b) Interpolated and extrapolated values of the data in subsection (c) shall be determined by using the equation:

$$E = C + A(P)^B$$