Appendices

APPENDIX NO. 1

EMISSION LIMITS FOR NITROGEN OXIDE

Emission limits for nitrogen oxide in fossil-fuel-fired steam generating units of more than one hundred million (100,000,000) British Thermal Units (B.T.U.) per hour heat input are as follows:

(a) Two tenths (0.20) lb. per million B.T.U. heat input (0.36 g. per million cal.) maximum two (2) hour average, expressed in NO_2, when gaseous fossil fuel is burned.

(b) Three tenths (0.30) lb. per million B.T.U. heat input (0.54 g. per million cal.) maximum two (2) hour average, expressed as NO_2, when liquid fossil fuel is burned.

(c) Seven tenths (0.70) lb. per million B.T.U. heat input (1.26 g. per million cal.) maximum twenty (20) hour average, expressed as NO_2 when solid fossil fuel (except lignite) is burned.

(d) When different fossil fuels are burned simultaneously in any combination the applicable standard shall be determined by proration, according to the following formu1a:

$$\frac{x\,(0.20) + y\,(0.30) + z\,(0.70)}{x + y + z}$$

x is the percent of total heat inputs derived from gaseous fossil fuel;

y is the percent of total heat input derived from liquid fossil fuel; and

z is the percent of total heat input derived from solid fossil fuel.

APPENDIX NO. 2

ALLOWABLE PARTICULATE EMISSIONS FROM PROCESS SOURCES

Process Weight Per Hour in Pounds	Maximum Weight of Particulate Discharge Per Hour in Pounds	Process Weight Per Hour in Pounds	Maximum Weight of Particulate Discharge Per Hour in Pounds
50	.24	2000	4.14
100	.46	2100	4.24
150	.66	2200	4.34
200	.85	2300	4.44
250	1.03	2400	4.55
300	1.20	2500	4.64
350	1.35	2600	4.74
400	1.50	2700	4.84
450	1.63	2800	4.92
500	1.77	2900	5.02
550	1.89	3000	5.10
600	2.01	3100	5.18
650	2.12	3200	5.27
700	2.24	3300	5.36
750	2.34	3400	5.44
500	2.43	3500	5.52
850	2.53	3600	5.61
900	2.62	3700	5.69
950	2.72	3800	5.77
1000	2.80	3900	5.85
1100	2.97	4000	5.93
1200	3.12	4100	6.01
1300	3.26	4200	6.08
1400	3.40	4300	6.15
1500	3.54	4400	6.22
1600	3.66	4500	6.30
1700	3.79	4600	6.37
1800	3.91	4700	6.45
1900	4.03	4800	6.52

Process Weight Per Hour in Pounds	Maximum Weight of Particulate Discharge Per Hour in Pounds	Process Weight Per Hour in Pounds	Maximum Weight of Particulate Discharge Per Hour in Pounds
4900	6.60	13000	11.89
5000	6.67	14000	12.50
5500	7.03	15000	13.13
6000	7.37	16000	13.74
6500	7.71	17000	14.36
7000	8.05	18000	14.97
7500	8.39	19000	15.58
8000	8.71	20000	16.19
8500	9.03	30000	22.22
9000	9.36	40000	28.30
9500	9.67	50000	34.30
10000	10.00	60000	40.00
11000	10.63	or more	
12000	11.28		

Where the process weight per hour falls between two (2) values in the table, maximum weight per hour shall be determined by linear interpolation.

APPENDIX NO. 3

GRAPHIC ARTS SOURCES

Type of Printing Unit	VOC Content of Ink Shall Not Exceed This Percent After December 31 Of The Year Stated				VOC Content of Wiping Solution Shall Not Exceed This Percent After December 31 Of The Year Stated				VOC Content of Dampening Solution Shall Not Exceed This Percent After December 31 Of The Year Stated			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
Heatset intaglio	40	35	32	30	100	100	1	1	Not Applicable			
Non-heatset paperwipe intaglio	5	5	5	5	Not Applicable				Not Applicable			
Non-heatset cylinder-wipe intaglio	25	20	15	12	1	1	1	1	Not Applicable			
Offset lithography heatset	40	40	40	40	Not Applicable				25	20	17	15
Non-heatset	35	35	35	35	Not Applicable				25	23	21	20
Letterset	40	40	40	40	Not Applicable				Not Applicable			
Flexography	65	65	65	65	Not Applicable				Not Applicable			
Gravure	25	18	15	12	Not Applicable				Not Applicable			

NOTES:

1. The Percentage VOC content is by weight and applies to solutions as contained in the storage wells (fountains) of the printing unit.

2. The percentage VOC content shall be determined in accordance with Procedure B of test method ASTM D-2369-81; in lieu of testing the formulated inks and solutions, the individual components of the formulations may be tested and VOC content of the formulations may be calculated therefrom.