

BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT

**RULE 204 - PROCESS WEIGHT LIMITATION**

*(Adopted January 4, 1972; Recodified August 6, 1985; Recodified August 22, 2002)*

- 1 PROCESS WEIGHT LIMITATION:** A person shall not discharge in any one hour from any source whatsoever dust or condensed fumes in total quantities in excess of amounts shown in the following table titled "Process Weight Limitation Table."

To use the following table, take the process weight per hour as defined in Rule 101 then find this figure on the table, opposite which is the maximum number of pounds of contaminants which may be discharged into the atmosphere in any one hour. Interpolation of the data in the table for process weights up to 60,000 pounds/hour shall be accomplished by use of the equation  $E = 4.10(P^{0.67})$  and interpolation and extrapolation of the data for process rates in excess of 60,000 pounds/hour shall be accomplished by use of the equation below.

$E = 55.0 (P^{0.11}) - 40$ . For purposes of these equations, E = the rate of emission in pounds/hour and P = the process weight rate in tons/hour.

**PROCESS WEIGHT LIMITATION TABLE**

<b>Process Weight Rate</b>		<b>Maximum Discharge Rate</b>	<b>Process Weight Rate</b>		<b>Maximum Discharge Rate</b>
lb/hr	ton/hr	lb/hr	lb/hr	ton/hr	lb/hr

100	0.05	0.551	14000	7.00	15.5
200	0.10	0.877	16000	8.00	16.5
400	0.20	1.400	18000	9.00	17.9
600	0.30	1.830	20000	10.00	19.2
800	0.40	2.220	30000	15.00	25.2
1000	0.50	2.580	40000	20.00	30.5
1500	0.75	3.380	50000	25.00	35.4
2000	1.00	4.100	60000	30.00	40.0
2500	1.25	4.760	70000	35.00	41.3
3000	1.50	5.380	80000	40.00	42.5
3500	1.75	5.970	90000	45.00	43.6
4000	2.00	6.520	100000	50.00	44.6
5000	2.50	7.580	120000	60.00	46.3
6000	3.00	8.560	140000	70.00	47.8
7000	3.50	9.490	160000	80.00	49.0
8000	4.00	10.400	200000	100.00	51.2
9000	4.50	11.200	1000000	500.00	69.0
10000	5.00	12.000	2000000	1000.00	77.6
12000	6.00	13.600	6000000	3000.00	92.7