

**CLARK COUNTY**

**AIR QUALITY REGULATIONS**

**SECTION 27 - PARTICULATE MATTER FROM PROCESS  
WEIGHT RATE**

- 27.1 For purposes of the Regulation, the total process weight from all similar process units at a plant or premises shall be used for determining the maximum allowable emission of particulate matter. The process weight rate shall be the equipment manufacturer's or designer's guaranteed maximum input, whichever is greater. Where the nature of any process or operation or the design of any equipment is such as to permit more than one interpretation of this definition, the interpretation that results in the minimum value for allowable emission shall apply.
- 27.2 No person may discharge in any one hour, from any source with process weight in the following range, dust or fumes from a stack or stacks in total quantities in excess of the amount shown in the following table. (Table 27-1)
- 27.3 For the purpose of establishing allowable emission limits for approval of new or modified sources of particulate matter the values of Table 27-1 can be used in absence of more stringent emission limits.
- 27.4 Where the process weight per hour falls between figures in the left-hand column the exact weight of permitted discharge may be interpolated.

**TABLE 27-1**

| <u>PROCESS<br/>WT/HR</u> |                 | <u>MAXIMUM WEIGHT<br/>DISCHARGE/HOUR</u> |              |
|--------------------------|-----------------|--|--------------|
| <u>KG</u>                | <u>(lbs)</u>    | <u>KG</u>                                | <u>(lbs)</u> |
| 25                       | ( 55)           | 0.12                                     | (0.26)       |
| 50                       | ( 110)          | 0.23                                     | (0.51)       |
| 100                      | ( 220)          | 0.43                                     | (0.94)       |
| 150                      | ( 330)          | 0.58                                     | (1.27)       |
| 200                      | ( 440)          | 0.73                                     | (1.60)       |
| 250                      | ( 550)          | 0.86                                     | (1.89)       |
| 300                      | ( 660)          | 0.97                                     | (2.14)       |
| 350                      | ( 770)          | 1.08                                     | (2.38)       |
| 400                      | ( 880)          | 1.17                                     | (2.58)       |
| 450                      | ( 990)          | 1.26                                     | (2.78)       |
| 500                      | ( 1100)         | 1.35                                     | (2.97)       |
| 550                      | ( 1210)         | 1.42                                     | (3.13)       |
| 600                      | ( 1320)         | 1.50                                     | (3.29)       |
| 650                      | ( 1430)         | 1.56                                     | (3.44)       |
| 700                      | ( 1540)         | 1.63                                     | (3.59)       |
| 750                      | ( 1650)         | 1.70                                     | (3.73)       |
| 800                      | ( 1760)         | 1.75                                     | (3.86)       |
| 850                      | ( 1870)         | 1.81                                     | (3.99)       |
| 900                      | ( 1980)         | 1.87                                     | (4.12)       |
| 1000                     | ( 2200)         | 1.97                                     | (4.34)       |
| 1500                     | ( 3300)         | 2.44                                     | (5.36)       |
| 2000                     | ( 4400)         | 2.83                                     | (6.22)       |
| 3000                     | ( 6600)         | 3.54                                     | (7.78)       |
| 4000                     | ( 8800)         | 4.20                                     | (9.23)       |
| 5000                     | (11000)         | 4.83                                     | (10.63)      |
| 6000                     | (13200)         | 5.46                                     | (12.01)      |
| 7000                     | (15400)         | 6.08                                     | (13.37)      |
| 8000                     | (17600)         | 6.70                                     | (14.73)      |
| 9000                     | (19800)         | 7.30                                     | (16.07)      |
| 10000                    | (22000)         | 8.10                                     | (17.81)      |
| 20000                    | (44000)         | 13.95                                    | (30.70)      |
| 27300                    | (60000) Or More | 18.18                                    | (40.00)      |

-----  
History: Amended: September 3, 1981; April 9, 2001; June 3, 2003; July 1, 2004.