

YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT

RULE 2.19 - PARTICULATE MATTER PROCESS EMISSION RATE

- a. No person shall discharge in any one hour from any process unit except for motor vehicles, implements of husbandry, and certain agricultural facilities as given in b. and c. particulate matter of a weight in excess of the amount shown for the corresponding process weight per hour in the following table. Use the process weight per hour as defined in Rule 1.2.y. to find the corresponding allowable process emission rate.
- b. Where the requirements of the Federal Primary Air Quality Standards for Particulate Matter are met in the vicinity of any new facility and associated operations which are necessary to sustain agricultural operations, the process weight emission requirements for particulate matter shall apply only to those emissions of aerodynamic size diameter of 10 microns or less provided that any emissions do not constitute a nuisance and provided that:
 - 1. No more than 10 family residences are within a 1/4 mile radius of the facility;
 - 2. No zoned boundaries for other than agricultural and heavy industry are within one (1) mile of the facility;
 - 3. No city limit is within two (2) miles of the facility.
- c. Where the requirements of the Federal Primary Air Quality Standards for Particulate Matter are met in the vicinity of any existing facility and associated operations which are necessary to sustain agricultural operations, the process weight emission requirements shall apply only to those emissions of aerodynamic size diameter of 10 microns or less provided that any emissions do not constitute a nuisance.

TABLE

PROCESS WEIGHT VS ALLOWABLE EMISSION RATE PER HOUR

Process Weight Lbs/Hr		Allowable Emission Rate Lbs/Hr
More Than	To and Including	
0	400	1
400	800	2
800	1500	3
1500	2200	4

2200	2900	5
2900	4100	6
4100	5400	7
5400	7000	8
7000	8500	9
8500	10000	10
10000	11600	11
11600	13200	12
13200	14800	13
14800	16400	14
16400	18000	15
18000	19600	16
19600	21300	17
21300	23000	18
23000	24700	19
24700	26500	20
26500	28300	21
28300	30000	22

30000	31700	23
31700	33300	24
33300	35000	25
35000	36700	26
36700	38300	27
38300	40000	28
40000	41700	29
41700	43300	30
43300	45000	31
45000	46700	32
46700	48300	33
48300	50000	34
50000	51700	35
51700	53300	36
53300	55000	37
55000	56700	38
56700	58300	39
58300	-----	40