

**REGULATION 6  
PARTICULATE MATTER-  
RULE 1  
GENERAL / VISIBLE EMISSIONS REQUIREMENTS**

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**REGULATION 6**  
**PARTICULATE MATTER**  
**RULE 1**  
**GENERAL / VISIBLE EMISSIONS REQUIREMENTS**

~~(Renumbered and Renamed December 5, 2007)~~

- 6-1-100 GENERAL**
- 6-1-101 Description:** -The purpose of this Regulation is to limit the quantity of particulate matter in the atmosphere through the establishment of limitations on emission rates, emission concentrations, visible emissions and opacity.
- 6-1-102 Applicability of General Provisions:** The general provisions in Regulation 1 and Regulation 6 shall apply to this rule.
- 6-1-110 Exemptions for Activities Subject to Other Rules and Regulations:**
- 110.1** Temporary Sandblasting Operations: -Temporary Sandblasting operations are exempt from the provisions of this Rule. Such operations are subject to the provisions of Regulation 12, Rule 4.  
*(Adopted July 11, 1990)*
- 110.2 ~~Exemption,~~** Open Outdoor Fires: -The limitations of this rule shall not apply to emissions arising from open outdoor fires. Such open outdoor fires are subject to the provisions of Regulation 5.  
*(Adopted December 19, 1990)*
- 110.3** Wood Burning Devices: The limitations of this rule shall not apply to sources subject to the provisions of Regulation 6, Rule 3.
- 6-1-111 Limited Exemption, Portland Cement Manufacturing:** Sections 6-1-310 and 6-1-311 shall not apply to particulate emissions from sources subject to the provisions of Regulation 9, Rule 13.
- 6-1-112 Limited Exemption, Total Suspended Particulate (TSP) Concentration and Weight Limitations:** Sections 6-1-310.2 and 6-1-311.2 shall not apply to particulate emissions from the following sources:
- 112.1** Commercial cooking equipment subject to the provisions of Regulation 6, Rule 2.
- 112.2** Salt and sugar processing operations whose TSP emissions are greater than 99 weight percent salt or sugar.
- 112.3** Fuel-fired indirect heat exchangers.
- 6-1-200 DEFINITIONS**
- 6-1-201 Applicability of Common Definitions:** The common definitions in Regulation 1 and Regulation 6 shall apply to this rule.
- 6-1-201~~2~~** **Exhaust Gas Volume:** -The volume of gases discharged from an ~~operation; or an~~ emission point, corrected to standard conditions (as defined in Reg. 1-228), excluding water vapor or steam.
- ~~**6-1-202 Particulate Matter: -Any material which is emitted as liquid or solid particles, or gaseous material which becomes liquid or solid particles at the testing temperatures specified in the Manual of Procedures, excluding uncombined water.**~~
- 6-1-203 Process Weight:** -The total weight of all material introduced into an operation, including solid fuels, but excluding (i) liquids and gases used solely as fuels, (ii) air that is not consumed as a reactant, and (iii) combustion air.
- 6-1-204 Process Weight Rate and Exhaust Gas Volume:** -A rate established as follows:
- 204.1 For continuous or long-run steady-state operations, the total process weight or exhaust gas volume for the entire period of continuous operation or for a typical portion thereof, divided by the number of hours of such period or portions thereof.

204.2 For cyclical or batch operations, the total process weight or exhaust gas volume for a period ~~which that~~ covers a complete operation or an ~~integral-integer~~ number of cycles, divided by the hours of actual process operation during such period. 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 section, that interpretation which results in the minimum value for allowable emission shall apply.

**6-1-300 STANDARDS**

**6-1-301 Ringelmann No. 1 Limitation:** -Except as provided in Sections 6-1-303, 6-1-304 and 6-1-306, a person shall not emit from any source for a period or aggregate periods ~~aggregating of~~ more than three minutes in any hour-sixty minute period, a visible emission ~~that which~~ is as dark or darker than No. 1 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree.

*(Amended July 11, 1990)*

**6-1-302 Opacity Limitation:** -Except as provided in Sections 6-1-303, 6-1-304 and 6-1-306, a person shall not emit from any source for a period or aggregate periods ~~aggregating of~~ more than three minutes in any hour-sixty minute period an emission equal to or greater than 20% opacity ~~as perceived by an opacity sensing device, where such device is required by District regulations.~~

*(Amended July 11, 1990)*

**6-1-303 Ringelmann No. 2 Limitation:** -A person shall not emit for a period or aggregate periods ~~aggregating of~~ more than three minutes in any hour-sixty minute period, a visible emission ~~that which~~ is as dark or darker than No. 2 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree, ~~nor shall said emission, as perceived by an opacity sensing device in good-working order, where such device is required by District regulations, or~~ be equal to ora greater than 40% opacity, from the following sources:

- 303.1 Internal combustion engines of less than 25 liters (1500 in<sup>3</sup>) displacement; ~~;~~
- 303.2 ~~or any E~~ engines used solely as a standby source of motive power;
- 303.23 Laboratory equipment used exclusively for chemical or physical analyses or experimentation;
- 303.34 Portable brazing, soldering or welding equipment; ~~;~~
- ~~303.4 Deleted July 11, 1990.~~

*(Amended 1/5/83; 7/11/90)*

**6-1-304 Tube Cleaning:** -During tube cleaning, and except for three minutes in any ~~one-hour-sixty minute period~~, a person shall not emit from any heat transfer operation using fuel at a rate of not less than 148 GJ (140 million BTU) per hour, a visible emission as dark or darker than No. 2 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree, or equal to or greater than 40% opacity ~~as perceived by an opacity sensing device in good working order.~~ - The aggregate duration of such emissions in any 24 hour period shall not exceed 6.0 minutes per 1055 GJ (one billion BTU) gross heating value of fuel burned during such 24 hour period.

**6-1-305 Visible Particles:** ~~No~~-A person shall ~~not~~ emit particles from any operation in sufficient number to cause annoyance to any other person ~~where the which~~ particles are large enough to be visible as individual particles at the emission point, or of such size and nature as to be visible individually as incandescent particles. This Section ~~6-1-305~~ shall only apply if such particles fall on real property other than ~~that~~ the property of the person responsible for the emission.

**6-1-306 Diesel-Piledriving Hammers:** No person shall emit visible emissions from a Ppiledriving hammers ~~s powered by diesel fuel shall comply with one of that exceeds~~

the following standards for a period or aggregate periods of more than four minutes during the driving of a single pile:

- 306.1 For piling hammers other than those specified in subsection 306.2, any visible emission ~~A person shall not emit from any diesel piling hammer for a period or periods aggregating more than four minutes during the driving of a single pile, a visible emission which that~~ is as dark or darker than No. 1 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree,
- 306.2 For piling hammers utilizing kerosene, smoke suppressing fuel additives and synthetic lubricating oil, and for which fuel usage records are kept as required by Section 6-1-503, any visible emission ~~A person shall not emit from any diesel piling hammer for a period or periods aggregating more than four minutes during the driving of a single pile, a visible emission which that~~ is as dark or darker than No. 2 on the Ringelmann Chart or of such opacity as to obscure an observer's view to an equivalent or greater degree, ~~provided that the operator utilizes kerosene, smoke suppressing fuel additives and synthetic lubricating oil, and the requirements of Section 6-1-503 are satisfied.~~

*(Adopted July 11, 1990)*

**6-1-310 ~~Particulate Weight Limitation~~ Total Suspended Particulate (TSP) Concentration Limits:**

- 310.1 ~~A~~ No person shall ~~not~~ emit from any source Total Suspended Particulate (TSP) ~~matter~~ in excess of 343 mg per dscm (0.15 grains per dry standard cubic foot (gr-per /dscf)) of exhaust gas volume.
- 310.2 Effective two years after rule adoption, no person shall emit Total Suspended Particulate (TSP) into the atmosphere from any emissions source with Potential To Emit for either TSP or PM<sub>10</sub> (as defined in Regulation 2-1-217) greater than 1,000 kg per year (~6 pounds per day) at a concentration in excess of that indicated for the Exhaust Gas Volume range shown in Table 6-1-310.2:

**Table 6-1-310.2: Process Volume vs. Allowable TSP Concentrations**

<u>Exhaust Gas Volume</u>		<u>TSP Concentration Limit</u>	
<u>dsm<sup>3</sup>/min</u>	<u>dscf/min</u>	<u>mg/dsm<sup>3</sup></u>	<u>gr/dscf</u>
<u>50 or less</u>	<u>1,766 or less</u>	<u>343</u>	<u>0.150</u>
<u>&gt;50 – 75</u>	<u>&gt;1,766 - 2,649</u>	<u>298</u>	<u>0.130</u>
<u>&gt;75 – 100</u>	<u>&gt;2,469 - 3,531</u>	<u>268</u>	<u>0.117</u>
<u>&gt;100 – 150</u>	<u>&gt;3,531 - 5,297</u>	<u>230</u>	<u>0.101</u>
<u>&gt;150 – 200</u>	<u>&gt;5,297 - 7,063</u>	<u>207</u>	<u>0.0903</u>
<u>&gt;200 – 300</u>	<u>&gt;7,063 - 10,594</u>	<u>178</u>	<u>0.0776</u>
<u>&gt;300 – 400</u>	<u>&gt;10,594 - 14,126</u>	<u>159</u>	<u>0.0697</u>
<u>&gt;400 – 500</u>	<u>&gt;14,126 - 17,657</u>	<u>147</u>	<u>0.0641</u>
<u>&gt;500 – 750</u>	<u>&gt;17,657 - 26,486</u>	<u>126</u>	<u>0.0551</u>
<u>&gt;750 - 1,000</u>	<u>&gt;26,486 - 35,315</u>	<u>113</u>	<u>0.0495</u>
<u>&gt;1,000 - 1,500</u>	<u>&gt;35,315 - 52,972</u>	<u>97.3</u>	<u>0.0425</u>
<u>&gt;1,500 - 2,000</u>	<u>&gt;52,972 - 70,629</u>	<u>87.3</u>	<u>0.0382</u>
<u>&gt;2,000 - 3,000</u>	<u>&gt;70,629 - 105,944</u>	<u>75.1</u>	<u>0.0328</u>
<u>&gt;3,000 - 4,000</u>	<u>&gt;105,944 - 141,259</u>	<u>67.4</u>	<u>0.0295</u>
<u>&gt;4,000 - 5,000</u>	<u>&gt;141,259 - 176,573</u>	<u>62.0</u>	<u>0.0271</u>
<u>&gt;5,000 - 7,500</u>	<u>&gt;176,573 - 264,860</u>	<u>53.3</u>	<u>0.0233</u>
<u>&gt;7,500 - 10,000</u>	<u>&gt;264,860 - 353,147</u>	<u>47.8</u>	<u>0.0209</u>
<u>&gt;10,000 - 15,000</u>	<u>&gt;353,147 - 529,720</u>	<u>41.1</u>	<u>0.0180</u>

<u>&gt;15,000 - 20,000</u>	<u>&gt;529,720 - 706,293</u>	<u>36.9</u>	<u>0.0161</u>
<u>&gt;20,000 - 30,000</u>	<u>&gt;706,293 - 1,059,440</u>	<u>31.7</u>	<u>0.0139</u>
<u>&gt;30,000 - 40,000</u>	<u>&gt;1,059,440 - 1,412,587</u>	<u>28.5</u>	<u>0.0124</u>
<u>&gt;40,000 - 50,000</u>	<u>&gt;1,412,587 - 1,765,733</u>	<u>26.2</u>	<u>0.0115</u>
<u>&gt;50,000 - 70,000</u>	<u>&gt;1,765,733 - 2,472,027</u>	<u>23.1</u>	<u>0.0101</u>
<u>&gt;70,000</u>	<u>&gt;2,472,027</u>	<u>23.0</u>	<u>0.0100</u>

~~310.1 Incineration or Salvage Operations. For the purposes of 6-1-310, the actual measured concentration of particulate matter in the exhaust gas from any incineration operation or salvage operation shall be corrected to the concentration which the same quantity of particulate matter would constitute in the exhaust gas minus water vapor corrected to standard conditions, containing 12% CO<sub>2</sub> by volume, and as if no auxiliary fuel had been used.~~

~~310.2 Gas-fired Pathological Waste Incinerators. The particulate emissions from gas-fired pathological waste incinerators, where emissions are not mingled with emissions from incineration of general wastes, shall be corrected as specified in Section 6-1-310.1 except that correction for auxiliary fuel shall not be required.~~

~~310.3 Heat Transfer Operation. For the purposes of 6-1-310, the actual measured concentration of particulate matter in the exhaust from any heat transfer operation shall be corrected to the concentration which the same quantity of particulate matter would constitute in the exhaust gas minus water vapor, corrected to standard conditions, containing 6% oxygen by volume.~~

310.3 For the purposes of Section 6-1-310, the actual measured concentration of TSP in the exhaust shall be corrected to standard conditions (as defined in Reg. 1-228) and (i) 12% CO<sub>2</sub> by volume, minus water vapor, for incineration or salvage operations and gas-fired pathological waste incinerators; or (ii) 6% oxygen by volume, minus water vapor, for heat transfer operations. In the case of an incineration or salvage operation, the concentration shall be corrected as if no auxiliary fuel had been used.

**6-1-311 General Operations Total Suspended Particulate (TSP) Weight Limits:** ~~In addition to the limitation of Section 6-1-310, a~~

311.1 No person shall emit not discharge Total Suspended Particulate (TSP) into the atmosphere from any source general operation particulate matter from any emission point, at a rate in excess of that indicated for the Process Weight Rate range shown specified in Table 46-1-311.1 for the process weight rate indicated. This section shall not apply to fuel-fired indirect heat exchangers.

**TABLE 4  
ALLOWABLE RATE OF EMISSIONS BASED ON PROCESS WEIGHT RATE**

<b>Process wt rate = P</b>		<b>Emission = E</b>	
<b>kg/hour</b>	<b>lbs/hour</b>	<b>kg/hour</b>	<b>lbs/hour</b>
250	550	0.8	1.8
300	660	0.9	2.0
400	880	1.1	2.4
500	1100	1.3	2.9
1000	2205	2.1	4.6

2000	4410	3.3	7.3
3000	6615	4.3	9.5
4000	8820	5.2	11.
5000	1102	6.0	13.
10000	2204	9.6	21.
20000	4409	15.	33.
over 26000	5732	18.	40.

~~(Interpolation formula deleted May 21, 1980. See page 6-1-5 for formulae.)~~

~~Interpolation in kg/hr~~

~~E in kg/hr = 0.02 P<sup>0.67</sup> in kg/hr~~

~~The interpolation of the data in this Table shall be accomplished by the use of the equation E = 0.02 P<sup>0.67</sup>, where E = rate of emission in kg/hour, not to exceed 18.1 kg/hour and P = process weight rate in kg/hour.~~

~~Interpolation in lbs/hr~~

~~E in lbs/hr = 4.10 P<sup>0.67</sup> in lbs/hr (with P in lbs/hr)~~

**Table 6-1-311.1: Process Weight Rate vs. Allowable TSP Emission Limits**

<u>Process Weight Rate</u>		<u>TSP Emission Limit</u>	
<u>kg/hour</u>	<u>lb/hour</u>	<u>kg/hour</u>	<u>lb/hour</u>
<u>250 or less</u>	<u>551 or less</u>	<u>0.81</u>	<u>1.78</u>
<u>&gt;250 - 300</u>	<u>&gt;551 - 661</u>	<u>0.91</u>	<u>2.02</u>
<u>&gt;300 - 400</u>	<u>&gt;661 - 882</u>	<u>1.11</u>	<u>2.45</u>
<u>&gt;400 - 500</u>	<u>&gt;882 - 1,102</u>	<u>1.29</u>	<u>2.84</u>
<u>&gt;500 - 600</u>	<u>&gt;1,102 - 1,323</u>	<u>1.45</u>	<u>3.21</u>
<u>&gt;600 - 700</u>	<u>&gt;1,323 - 1,543</u>	<u>1.61</u>	<u>3.56</u>
<u>&gt;700 - 800</u>	<u>&gt;1,323 - 1,764</u>	<u>1.76</u>	<u>3.89</u>
<u>&gt;800 - 900</u>	<u>&gt;1,764 - 1,984</u>	<u>1.91</u>	<u>4.21</u>
<u>&gt;900 - 1,000</u>	<u>&gt;1,984 - 2,205</u>	<u>2.05</u>	<u>4.52</u>
<u>&gt;1,000 - 1,200</u>	<u>&gt;2,205 - 2,646</u>	<u>2.31</u>	<u>5.11</u>
<u>&gt;1,200 - 1,400</u>	<u>2,646 - 3,086</u>	<u>2.56</u>	<u>5.66</u>
<u>&gt;1,400 - 1,600</u>	<u>3,086 - 3,257</u>	<u>2.80</u>	<u>6.19</u>
<u>&gt;1,600 - 1,800</u>	<u>3,257 - 3,968</u>	<u>3.03</u>	<u>6.70</u>
<u>&gt;1,800 - 2,000</u>	<u>&gt;3,968 - 4,409</u>	<u>3.26</u>	<u>7.19</u>
<u>&gt;2,000 - 2,500</u>	<u>&gt;4,409 - 5,512</u>	<u>3.78</u>	<u>8.35</u>
<u>&gt;2,500 - 3,000</u>	<u>&gt;5,512 - 6,614</u>	<u>4.27</u>	<u>9.43</u>
<u>&gt;3,000 - 3,500</u>	<u>&gt;6,614 - 7,716</u>	<u>4.74</u>	<u>10.5</u>
<u>&gt;3,500 - 4,000</u>	<u>&gt;7,716 - 8,818</u>	<u>5.18</u>	<u>11.4</u>
<u>&gt;4,000 - 4,500</u>	<u>&gt;8,818 - 9,921</u>	<u>5.61</u>	<u>12.4</u>
<u>&gt;4,500 - 5,000</u>	<u>&gt;9,921 - 11,023</u>	<u>6.02</u>	<u>13.3</u>
<u>&gt;5,000 - 6,000</u>	<u>&gt;11,023 - 13,228</u>	<u>6.80</u>	<u>15.0</u>
<u>&gt;6,000 - 7,000</u>	<u>&gt;13,228 - 15,432</u>	<u>7.54</u>	<u>16.6</u>
<u>&gt;7,000 - 8,000</u>	<u>&gt;15,432 - 17,637</u>	<u>8.24</u>	<u>18.2</u>
<u>&gt;8,000 - 9,000</u>	<u>&gt;17,637 - 19,842</u>	<u>8.92</u>	<u>19.7</u>
<u>&gt;9,000 - 10,000</u>	<u>&gt;19,842 - 22,046</u>	<u>9.57</u>	<u>21.1</u>
<u>&gt;10,000 - 12,000</u>	<u>&gt;22,046 - 26,455</u>	<u>10.8</u>	<u>23.9</u>

<a href="#">&gt;12,000 - 14,000</a>	<a href="#">&gt;26,455 - 30,865</a>	<a href="#">12.0</a>	<a href="#">26.5</a>
<a href="#">&gt;14,000 - 16,000</a>	<a href="#">&gt;30,865 - 35,274</a>	<a href="#">13.1</a>	<a href="#">29.0</a>
<a href="#">&gt;16,000 - 18,000</a>	<a href="#">&gt;35,274 – 39,683</a>	<a href="#">14.2</a>	<a href="#">31.3</a>
<a href="#">&gt;18000 - 20,000</a>	<a href="#">&gt;39,683 - 44,092</a>	<a href="#">15.2</a>	<a href="#">33.6</a>
<a href="#">&gt;20,000 - 22,000</a>	<a href="#">&gt;44,092 – 48,502</a>	<a href="#">16.2</a>	<a href="#">35.9</a>
<a href="#">&gt;22,000 - 24,000</a>	<a href="#">&gt;48,502 – 52,911</a>	<a href="#">17.2</a>	<a href="#">38.0</a>
<a href="#">&gt;24,000 - 25,000</a>	<a href="#">&gt;52,911 – 55,116</a>	<a href="#">17.7</a>	<a href="#">39.1</a>
<a href="#">&gt;25,000 - 26,000</a>	<a href="#">&gt;55,116 – 57,320</a>	<a href="#">18.1</a>	<a href="#">40.0</a>
<a href="#">&gt;26,000</a>	<a href="#">&gt;57,320</a>	<a href="#">18.1</a>	<a href="#">40.0</a>

[311.2](#) [Effective two ears after rule adoption, no person shall emit Total Suspended Particulate \(TSP\) into the atmosphere from any emissions source with Potential To Emit for either TSP or PM<sub>10</sub> \(as defined in Regulation 2-1-217\) greater than 1,000 kg per year \(~6 pounds per day\) at a rate in excess of that indicated for the Process Weight Rate range shown in Table 6-1-311.2:](#)

**[Table 6-1-311.2: Process Weight Rate vs. Allowable TSP Emission Limits](#)**

<a href="#">Process Weight Rate</a>		<a href="#">TSP Emission Limit</a>	
<a href="#">kg/hour</a>	<a href="#">lb/hour</a>	<a href="#">kg/hour</a>	<a href="#">lb/hour</a>
<a href="#">100 or less</a>	<a href="#">220 or less</a>	<a href="#">0.45</a>	<a href="#">0.99</a>
<a href="#">&gt;100 - 150</a>	<a href="#">&gt;220 - 331</a>	<a href="#">0.59</a>	<a href="#">1.29</a>
<a href="#">&gt;150 - 200</a>	<a href="#">&gt;331 - 441</a>	<a href="#">0.70</a>	<a href="#">1.55</a>
<a href="#">&gt;200 - 300</a>	<a href="#">&gt;441 - 661</a>	<a href="#">0.90</a>	<a href="#">1.98</a>
<a href="#">&gt;300 - 400</a>	<a href="#">&gt;661 - 882</a>	<a href="#">1.06</a>	<a href="#">2.34</a>
<a href="#">&gt;400 -500</a>	<a href="#">&gt;882 - 1,102</a>	<a href="#">1.21</a>	<a href="#">2.67</a>
<a href="#">&gt;500 - 750</a>	<a href="#">&gt;1,102 - 1,653</a>	<a href="#">1.52</a>	<a href="#">3.34</a>
<a href="#">&gt;750 – 1,000</a>	<a href="#">&gt;1,653 - 2,205</a>	<a href="#">1.78</a>	<a href="#">3.92</a>
<a href="#">&gt;1,000 – 1,500</a>	<a href="#">&gt;2,205 - 3,307</a>	<a href="#">2.21</a>	<a href="#">4.86</a>
<a href="#">&gt;1,500 - 2,000</a>	<a href="#">&gt;3,307 - 4,409</a>	<a href="#">2.56</a>	<a href="#">5.65</a>
<a href="#">&gt;2,000 - 3,000</a>	<a href="#">&gt;4,409 - 6,614</a>	<a href="#">3.15</a>	<a href="#">6.95</a>
<a href="#">&gt;3,000 - 4,000</a>	<a href="#">&gt;6,614 - 8,818</a>	<a href="#">3.64</a>	<a href="#">8.02</a>
<a href="#">&gt;4,000 - 5,000</a>	<a href="#">&gt;8,818 - 11,023</a>	<a href="#">4.06</a>	<a href="#">8.95</a>
<a href="#">&gt;5,000 - 7,500</a>	<a href="#">&gt;11,023 - 16,535</a>	<a href="#">4.96</a>	<a href="#">10.9</a>
<a href="#">&gt;7,500 - 10,000</a>	<a href="#">&gt;16,535 - 22,046</a>	<a href="#">5.44</a>	<a href="#">12.0</a>
<a href="#">&gt;10,000 - 15,000</a>	<a href="#">&gt;22,046 - 33,069</a>	<a href="#">6.00</a>	<a href="#">13.2</a>
<a href="#">&gt;15000 - 20,000</a>	<a href="#">&gt;33,069 - 44,092</a>	<a href="#">6.40</a>	<a href="#">14.1</a>
<a href="#">&gt;20,000 - 30,000</a>	<a href="#">&gt;44,092 - 66,139</a>	<a href="#">7.04</a>	<a href="#">15.5</a>
<a href="#">&gt;30,000 - 40,000</a>	<a href="#">&gt;66,139 - 88,185</a>	<a href="#">7.53</a>	<a href="#">16.6</a>
<a href="#">&gt;40,000 - 50,000</a>	<a href="#">&gt;88,185 - 110,231</a>	<a href="#">7.93</a>	<a href="#">17.5</a>
<a href="#">&gt;50,000 - 75,000</a>	<a href="#">&gt;110,231 - 165,347</a>	<a href="#">8.71</a>	<a href="#">19.2</a>
<a href="#">&gt;75,000 - 100,000</a>	<a href="#">&gt;165,347 - 220,462</a>	<a href="#">9.33</a>	<a href="#">20.6</a>
<a href="#">&gt;100,000 - 150,000</a>	<a href="#">&gt;220,462 - 330,693</a>	<a href="#">10.3</a>	<a href="#">22.6</a>
<a href="#">&gt;150,000 - 200,000</a>	<a href="#">&gt;330,693 - 440,925</a>	<a href="#">11.0</a>	<a href="#">24.2</a>
<a href="#">&gt;200,000 - 300,000</a>	<a href="#">&gt;440,925 - 661,387</a>	<a href="#">12.1</a>	<a href="#">26.6</a>
<a href="#">&gt;300,000 - 400,000</a>	<a href="#">&gt;661,387 - 881,849</a>	<a href="#">12.9</a>	<a href="#">28.5</a>

<a href="#">&gt;400,000 - 500,000</a>	<a href="#">&gt;881,849 - 1,102,312</a>	<a href="#">13.6</a>	<a href="#">29.9</a>
<a href="#">&gt;500,000</a>	<a href="#">&gt;1,102,312</a>	<a href="#">13.6</a>	<a href="#">30.0</a>

**6-1-320 Sulfuric Acid Manufacturing Plants:** -A person shall not emit from any operation manufacturing sulfuric acid using as a principal raw material any sulfur-containing material, any emission having a concentration of SO<sub>3</sub> or H<sub>2</sub>SO<sub>4</sub>, ~~or both, expressed converted to and quantified~~ as 100% H<sub>2</sub>SO<sub>4</sub>, exceeding 92 mg per dscm (0.04 gr/dscf) of exhaust gas volume.

**6-1-330 Sulfur Recovery Units:** -A person shall not emit from any operation manufacturing sulfur, using as a principal raw material any sulfur-containing material, any emission having a concentration of SO<sub>3</sub> or H<sub>2</sub>SO<sub>4</sub>, ~~or both, expressed converted to and~~ [quantified](#) as 100% H<sub>2</sub>SO<sub>4</sub>, exceeding 183 mg per dscm (0.08 gr/dscf) of exhaust gas volume.

**6-1-400 ADMINISTRATIVE REQUIREMENTS**

**6-1-401 Appearance of Emissions:** Persons subject to this Rule are subject to and shall comply with the requirements of [Regulation 6-401](#). ~~Every person responsible for an emission (except from gas fired heat transfer operations regulated by Sections 6-1-301, 6-1-303 and 6-1-304) shall have and maintain means whereby the operator of the plant shall be able to know the appearance of the emission at all times.~~

**6-1-402 Source Test Waiver:** [The APCO may, upon written request, waive the requirement to conduct a source test pursuant to Section 6-1-504, or extend the deadline by which such a source test is required, in the event that prior District-approved source tests indicate compliance with the applicable standard for which the source test is required. To request a waiver, a person subject to Section 6-1-504 must submit a request in writing to the Director of Compliance and Enforcement indicating \(i\) the name of the person requesting the waiver, \(ii\) the site number of the site for which the waiver is sought, \(iii\) the source number of the source for which the waiver is sought, \(iv\) the pollutant for which the waiver is sought; and \(v\) the results of the prior source test demonstrating compliance with the regulatory standard involved. A waiver or extension under this provision shall be granted or denied at the sole discretion of the APCO.](#)

**6-1-500 MONITORING AND RECORDS**

**6-1-501 Sampling Facilities and Instruments Required:** ~~Persons subject to this Rule are subject to and shall provide sampling facilities and install instruments as required pursuant to the provisions of Regulation 1. Persons subject to this regulation shall provide sampling facilities and install instruments as required pursuant to the provisions of Sections 1-501, 1-520 and 1-521 of Regulation 1.~~

**6-1-502 Data, Records and Reporting:** Persons monitoring emissions in accordance with the requirements of ~~Sections 1-520 and 1-521 of~~ Regulation 1 shall keep records, report emission excesses and provide summaries of data collected ~~as required by Regulation 1.~~

**6-1-503 Records:** ~~In order to be eligible for the Ringelmann No. 2 limitation set forth in subsection 6-1-306.2, the~~ A person responsible for the operation of a diesel pile-driving hammer ~~who chooses to comply with subsection 6-1-306.2 shall~~ [must](#) maintain and have available for inspection records ~~which that~~ establish the use of kerosene, smoke suppressing fuel additives and synthetic lubricating oil.

*(Adopted July 11, 1990)*

**6-1-504 Demonstration of Compliance:** Effective one year after rule adoption, any permitted TSP emissions source or SO<sub>3</sub> emissions source (converted to and quantified as 100% H<sub>2</sub>SO<sub>4</sub>) with Potential To Emit for TSP, PM<sub>10</sub>, or H<sub>2</sub>SO<sub>4</sub> (as defined in Regulation 2-1-217) greater than 2,000 kg per year (~12 pounds per day) shall conduct compliance source testing as follows:

504.1 TSP Concentration/Weight Limits: The owner/operator shall conduct source testing to demonstrate compliance with Section 6-1-310 and/or 6-1-311 according to the testing frequencies listed in Table 6-1-504. Source tests required under this subsection shall be conducted in accordance with Section 6-1-602.1.

504.2 SO<sub>3</sub> and Sulfuric Acid Mist: The owner/operator shall conduct source testing to demonstrate compliance with Section 6-1-320 and/or 6-1-330 according to the testing frequencies listed in Table 6-1-504. Source tests required under this subsection shall be conducted in accordance with Section 6-1-602.2.

**Table 6-1-504: Required Compliance Test Frequencies**

<u>TSP, PM<sub>10</sub> or H<sub>2</sub>SO<sub>4</sub> Emissions (kg/year)</u>	<u>Compliance Test Frequency</u>	<u>Min. Time Between Tests</u>	<u>Max. Time Between Tests</u>
<u>&gt; 16,000</u>	<u>Annually</u>	<u>9 months</u>	<u>15 months</u>
<u>&gt; 8,000 – 16,000</u>	<u>Biennially</u>	<u>18 months</u>	<u>30 months</u>
<u>&gt; 2,000 – 8,000</u>	<u>Every five years</u>	<u>48 months</u>	<u>72 months</u>

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**6-1-601 Applicability of Test Methods:** The common test methods Regulation 6 shall apply to this rule, including Regulation 6-601: Assessment of Visible Emissions, and Regulation 6-602: Assessment of Opacity.

~~**6-1-601 Particulate Matter, Sampling, Sampling Facilities, Opacity Instruments and Appraisal of Visible Emissions:** The procedures and specifications for testing and evaluating emissions required by The MOP contains the testing temperature for the determination of the presence of particulate matter, procedures relating to the siting of sampling facilities, source test procedures, opacity instrument specifications, calibration and maintenance requirements, and the procedure for appraising visible emissions.~~

**6-1-602 Methods for Determining Compliance:** Compliance with the emissions requirements in this rule shall be based on the following test methods:

602.1 Total Suspended Particulate: Source tests to determine compliance with TSP emissions limits shall be conducted in accordance with EPA Method 5; Manual of Procedures, Volume IV, ST-15; or an APCO approved equivalent method.

602.2 SO<sub>3</sub> and Sulfuric Acid Mist: Source tests to determine compliance with sulfur trioxide and sulfuric acid mist limits shall be conducted in accordance with EPA Method 8; Manual of Procedures, Volume IV, ST-20; or an APCO-approved equivalent method.