

**REGULATION 6  
PARTICULATE MATTER-  
GENERAL PROVISIONS, DEFINITIONS AND TEST METHODS  
INDEX**

<b>6-100</b>	<b>GENERAL</b>
6-101	Description
<b>6-200</b>	<b>DEFINITIONS</b>
6-201	Fugitive Dust
6-202	Opacity
6-203	Particulate Matter
6-204	Ringelmann Chart
6-205	Visible Emissions
<b>6-300</b>	<b>STANDARDS</b>
<b>6-400</b>	<b>ADMINISTRATIVE REQUIREMENTS</b>
6-401	Appearance of Emissions
<b>6-500</b>	<b>MONITORING AND RECORDS</b>
6-501	Sampling Facilities and Instruments Required
6-502	Data, Records and Reporting
<b>6-600</b>	<b>MANUAL OF PROCEDURES</b>
6-601	Assessment of Visible Emissions
6-602	Assessment of Opacity
6-603	Particulate Matter Sampling and Sampling Facilities

## REGULATION 6 PARTICULATE MATTER GENERAL PROVISIONS, DEFINITIONS AND TEST METHODS

**6-100 GENERAL**

**6-101 Description:** This Regulation provides general provisions, definitions and test methods for implementing all Regulation 6 rules. Regulation 6 and the Rules it contains establish emissions limitations and other requirements to reduce particulate matter in the ambient air.

**6-200 DEFINITIONS**

**6-201 Fugitive Dust:** Any of the following solid particles that are not collected by a capture system and emitted from a vent or stack, and become airborne and entrained in the ambient air because of human disturbance or wind action:

201.1 Soil, dirt, sand, or other naturally occurring fine-grained mineral material;

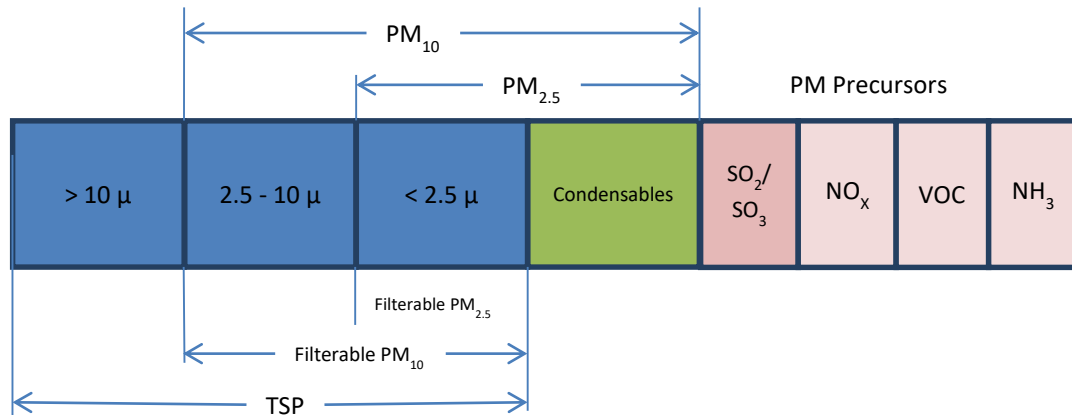
201.2 Bulk Material;

201.3 Dust, pulverized debris, or other particles generated by mechanical disturbance or abrasion of building materials during construction or demolition activities, including but not limited to cutting, sawing, drilling, and grinding;

Fugitive dust does not include combustion exhaust.

**6-202 Opacity:** The degree to which an emission blocks the transmission of light.

**6-203 Particulate Matter:** Any material that is emitted as liquid or solid particles, or as gaseous material that becomes liquid or solid particles at the testing temperatures specified in the source test method, excluding uncombined water.



**203.1 Total Suspended Particulate (TSP):** Particulate matter identified as filterable particulate matter (also known as front half particulate matter) using EPA Test Method 5.

**203.2 PM<sub>10</sub>:** Particulate matter with an aerodynamic diameter equal to 10 microns or less, including both filterable and condensable particles.

**203.3 PM<sub>2.5</sub>:** Particulate matter with an aerodynamic diameter equal to 2.5 microns or less, including both filterable and condensable particles.

**203.4 Filterable PM<sub>10</sub>:** Particulate matter with an aerodynamic diameter equal to 10 microns or less that can be filtered out of a gas stream at its normal operating temperature. These liquid and/or solid particles are identified using EPA Test Method 201A.

**203.5 Filterable PM<sub>2.5</sub>:** Particulate matter with an aerodynamic diameter equal to 2.5 microns or less that can be filtered out of a gas stream at its normal operating temperature. These liquid and/or solid particles are identified using EPA Test Method 201A.

**203.6 Condensable PM:** Liquid droplets that coalesce, or gaseous emissions that condense to form liquid or solid particles. These liquid and/or solid particles

are identified as condensable organic or condensable inorganic particulate matter using EPA Test Method 202.

**6-204 Ringelmann Chart:** The chart used to measure opacity published by the United States Bureau of Mines.

**6-205 Visible Emissions:** Any particulate emissions in the air, including but not limited to dust, debris, particles, or fibers that are visually detectable by an observer without the aid of instruments other than corrective lenses, excluding water vapor or steam.

**6-300 STANDARDS**

**6-400 ADMINISTRATIVE REQUIREMENTS**

**6-401 Appearance of Emissions:** A person subject to any emissions standard or limitation under this Regulation (including any of the specific Rules within this Regulation) shall monitor the emissions subject to such standard or limitation as reasonably necessary to ensure compliance with such standard or limitation, as required in writing by the APCO.

**6-500 MONITORING AND RECORDS**

**6-501 Sampling Facilities and Instruments Required:** Persons subject to Regulation 6 and to the Rules set forth under Regulation 6 shall provide sampling facilities and install instruments as required pursuant to the provisions of Regulation 1.

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

**6-600 MANUAL OF PROCEDURES**

**6-601 Assessment of Visible Emissions:** Assessing whether there are visible emissions from a facility, source, or operation, or the cumulative time that emissions are visible during a specified observation period, shall be conducted according to the procedures specified in EPA Method 22, or other APCO approved equivalent method.

**6-602 Assessment of Opacity:** Assessing the opacity of a visible emission shall be conducted according to the procedures specified in the Manual of Procedures Volume 1, Part 1 (referencing EPA Method 9), by using an opacity sensing instrument, or other APCO approved equivalent method.

**6-603 Particulate Matter Sampling and Sampling Facilities:** Emissions testing under this Regulation, including determining the presence or amount of particulate matter being emitted, shall be conducted according to the procedures specified in the Manual of Procedures, procedures specified in other Regulation 6 rules, or other APCO approved equivalent methods.