

**Additions to the  
Proposed List of Air District Measures to Reduce  
Particulate Matter – PM10 and PM2.5**

**November 18, 2004**

Based on ongoing discussions with the air districts after the Staff Report was released on October 19, 2004, ARB staff proposed adding the three measures described below to the list of air district measures presented in Appendix C of the Staff Report.

	<b>Strategy</b>	<b>Source Type</b>	<b>District, Rule, and Adoption Date</b>
	<p><b>Petroleum Refinery Boilers and Process Heaters (NO<sub>x</sub>)</b></p> <p>Limits NO<sub>x</sub> emissions from any petroleum refinery boiler or process heater with a maximum rated capacity greater than 40 million Btu/hr to 0.03 pound per million BTU of heat input (25 ppmv) when firing at the maximum rated capacity. Alternative Emission Control Plans allowed which result in equivalent emissions. All units subject to this rule are now under the SCAQMD's RECLAIM Program.</p>	New and Existing	SCAQMD Rule 1109 3/12/84
	<p><b>Storage, Handling, and Transport of Petroleum Coke, Coal, and Sulfur (PM<sub>10</sub>)</b></p> <p>Limits opacity from operations to ½ Ringelmann; ensures enclosure of all coke piles including compliance schedule; requires District approved plan or Best Available Control Measures (BACM) for any open piles of coal or sulfur; requires street-sweeping or limits silt loading on roads and truck exteriors with quarterly testing; requires paving and maintenance of roads; requires covers or slot-tops for transport trucks.</p>	New, existing, and modified	SCAQMD Rule 1158 6/11/99
	<p><b>Petroleum Coke Calcining Operations (SO<sub>x</sub>)</b></p> <p>Does not allow operation of petroleum coke calcining equipment unless the uncontrolled emissions of oxides of sulfur from such basic equipment, expressed as sulfur dioxide (SO<sub>2</sub>), are reduced by at least 80 percent.</p>	New, existing, and modified	SCAQMD Rule 1119 3/2/79