

Portland Cement Kilns

**Table I
Identification of Performance Standards
Source Category: Portland Cement Kilns**

Regulated Component	Pollutant	Rule/Measure/Date						
		Amador, Rule 211 Process Weight per Hour	Kern, Rule 425.3 Portland Cement Kilns (Oxides of Nitrogen) Adopted 10/13/94	Mojave, Rule 1161 Portland Cement Kilns Adopted: June 28, 1995	South Coast, Rule 1112 Emissions of Oxides of Nitrogen from Cement Kilns Last Revised June 6, 1986	South Coast, Rule 1112.1 Emissions of Particulate Matter from Cement Kilns Last Revised Feb 7, 1986		
		Performance Standard						
Portland cement kiln	PM	0.30 lb/ton of dry kiln feed, exclusive of fuel charged (note: this rule is more stringent than SCAQMD Rule 1112.1 until 100 tph kiln feed)						0.40 lb/ton of kiln feed for kiln feed rates less than 75 tons./hr; 30 lb/hr for kiln feed rates of 75 tons/hr or more
Preheater-Precalciner Kilns	NOx				6.4 lbs/ton of clinker produced when averaged over any 30 consecutive day period			
Long Dry Kilns	NOx				6.4 lbs/ton of clinker produced when averaged over any 30 consecutive day period			
Short Dry Kilns	NOx				7.2 lbs/ton of clinker produced when averaged over any 30 consecutive day period			

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		Performance Standard					
Portland cement kilns	NOx		x 11.6 lbs/ton of clinker produced when averaged over any 24 consecutive hour period, and 6.4 lbs/ton of clinker produced when averaged over any 30 consecutive day period		Combustion controls, low NOx burners, staged combustion, NOx-reducing fuels or substances (includes tire-derived fuels).	x 11.6 lbs/ton of clinker produced when averaged over any 24 consecutive hour period, and 6.4 lbs/ton of clinker produced when averaged over any 30 consecutive day period	

Table II
Identification of Performance Standards
Source Category: Portland Cement Kilns

Rule/Measure	Rule/Measure				
	Amador, Rule 211 Process Weight per Hour	Kern, Rule 425.3 Portland Cement Kilns (Oxides of Nitrogen) Adopted 10/13/94	Mojave, Rule 1161 Portland Cement Kilns Adopted: June 28, 1995	South Coast, Rule 1112 Emissions of Oxides of Nitrogen from Cement Kilns Last Revised June 6, 1986	South Coast, Rule 1112.1 Emissions of Particulate Matter from Cement Kilns Last Revised Feb 7, 1986
Exemptions	any source category not specifically mentioned	startup, shutdown, and breakdown	startup, shutdown, and breakdown		
Applicability	These are specific limits for source exempt from Rule 212	Portland cement kilns	all existing Portland cement kilns operated within the Federal Ozone Non-Attainment Area of the Mojave Desert Air Quality Management District	gray cement kilns	cement kilns
Comments	Same limits found in other Mountain Counties districts				