

Note: This is a reference cited in AP 42, *Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources*. AP42 is located on the EPA web site at [www.epa.gov/ttn/chief/ap42/](http://www.epa.gov/ttn/chief/ap42/)

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02\_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

AP42 Section:	9.13.2
Background Chapter	4
Reference:	1
Title:	Source Test Report, Particulate Emissions, Premium Coffee, Wall, New Jersey, Princeton Testing Lab, Princeton, NJ, January 1987.

## Emission Test Report Review Checklist--Short Form

Reviewer: TRAPP  
Review Date: 8/18/94

## A. Background Information

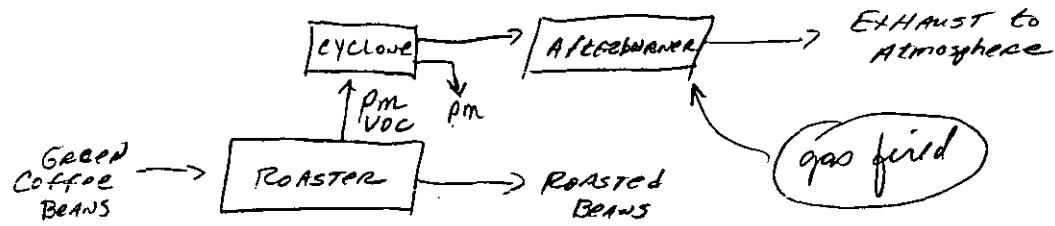
1. Facility name: Premium Coffee
2. Location: WALL NJ
3. Source category: Coffee Roasting
4. Test date: January 14 1987
5. Test sponsor: Premium coffee
6. Testing contractor: Princeton Testing Lab
7. Purpose of test: Compliance test for particulate
7. Pollutants measured (include test method and indicate if valid): Particulate - New Jersey air test method 5
8. Process overview: Attach a process description and a block diagram. Identify processes tested with letters from the beginning of the alphabet (A, B, C, etc...) and APC systems with letters from the end of the alphabet (V, W, X, etc...). Also identify test locations with Arabic numerals (1,2,3, ...). Using the ID symbols from the diagram, complete the table below.

Test ID	Process	Process ID	Emissions tested		APCD (controlled emissions only)
			Uncontrolled	Controlled	
	Roaster/cyclone Afterburner			CYCLONE	ID: Type: Model #:
					ID: Type: Model #:
					ID: Type: Model #:
					ID: Type: Model #:

## B. Process Information

1. Provide a brief narrative description of the process and attach process flow diagram. (Note: If the process description provided in the test report is adequate, attach a copy here.)

No process description provided in test report.



#### D. Emission Data/Mass Flux Rates/Emission Factors

Test ID	Parameter	Units	Values reported			
			Run 1	Run 2	Run 3	Run 4
	Stack temperature	°F	620	614	601	
	Moisture	%	11.6	12.3	12.6	
	Oxygen	%	19.2	19.4	18.5	
	Volumetric flow, actual	ACFM	3,760	3,690	3,620	
	Volumetric flow, standard	SCFM	1,640	1,600	1,590	
	Percent isokinetic		105	106	107	
Circle: Production or feed rate		lbs/hr	1,350	1,350	1,350	
Capacity:						
Pollutant concentrations:						
	PM Total Filterable	grams	0.0261	0.0242	0.0143	
	CO <sub>2</sub>	%	1.9	1.9	2.0	
Pollutant mass flux rates:						
	PM Total Filt.	g/scf	0.011	0.010	0.006	
	CO <sub>2</sub>	lb/hr	214	208	218	
Emission factors:						
Filt.	Filter PM Emission Rate	lbs/hr	0.152	0.138	0.081	
EMISSION FACTORS						
	Filt. PM	lb/ton	0.225	0.204	0.120	0.183
	CO <sub>2</sub>	lb/ton	317	308	323	316

Avg