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/

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:	13
Title:	Summary Of Source Test Results, Bay Area Air Quality Management District, San Francisco, CA, January 1991.

#13

Section 4 Reference ✓
AP-42 Reference ___

Emission Test Report Review Checklist--Short Form

Reviewer: TLAPP
Review Date: 8/24/94

A. Background Information

1. Facility name: Hill Brothers Coffee Co. PLANT # 1375
   Location: San Francisco, CA
2. Source category: Coffee Roasting
3. Test date: January 10, 1991
4. Test sponsor: Hills Bros.
5. Testing contractor: ___
6. Purpose of test: ___
7. Pollutants measured (include test method and indicate if valid): Total Particulate
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	
	Green Coffee Handling System			✓ Baghouse	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.)

(See attached sheets)

TOTAL PARTICULATE EMITTED from BAGHOUSE CONTROL DEVICE for GREEN COFFEE HANDLING SYSTEM.

Filename: COFFEE17.WQ1

D. Emission Data/Mass Flux Rates/Emission Factors

Test ID	Parameter	Units	Values reported			
			Run 1	Run 2	Run 3	Run 4
1	Stack temperature	Deg F	68	71	72	
GREEN COFFEE HANDLING SYSTEM	Moisture	%	1.2	1	1.1	
	Oxygen	%	ND	ND	ND	
	Volumetric flow, actual	acfm	ND	ND	ND	
	Volumetric flow, standard*	dscfm	6000	6000	6000	(AVERAGE)
	Isokinetic variation	%	99	98	94	
Circle: Production or feed rate Capacity:		TPH	6.12	6.12	6.12	
	Pollutant concentrations:					
	Filterable PM	G/dscf	0.006	0.007	0.008	
	Pollutant mass flux rates:					
	Filterable PM	lb/hr	0.309	0.360	0.411	
	Emission factors (ENGLISH UNITS):					AVERAGE
	Filterable PM	lb/ton	0.0504	0.0588	0.0672	0.0588
	Emission factors (METRIC UNITS):					AVERAGE
	Filterable PM	kg/Mg	0.0252	0.0294	0.0336	0.0294

Filterable PM = Total PM for this source. DATA RATING: C.

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	68	71	72	
	Moisture	%	1.2	1.0	1.1	
	Oxygen		ND	ND	ND	
	Volumetric flow, actual		ND	ND	ND	
	Volumetric flow, standard Ave.	dscfm	6000	6000	6000	
	Percent isokinetic	Act/Theo.	1.00	0.99	0.99	
Circle: Production or feed rate per test run Capacity: 12251.2 lb/hr x 50 min / 20 min		lbs/hr	10,209	10,209	10,209	
	Pollutant concentrations:					
	TOTAL PARTICULATE: outlet	grams	0.0110	0.0112	0.0144	
	Pollutant mass flux rates:					
	TOTAL PARTICULATE: outlet	gr/dscf	0.006	0.007	0.008	
	Emission factors: RATE					
	TOTAL PARTICULATE: outlet	lb/hr	0.3	0.4	0.4	