

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.

<b>AP42 Section:</b>	<b>11.7</b>
<b>Reference:</b>	<b>24</b>
<b>Title:</b>	<b>Emission Test Report (Excerpts)-- Plant A, Roller Kiln, June 1993, Document No. 4602-01-02, Confidential Business Information Files, Contract No 68-D2-0159, Assignment No. 2-01, U. S. Environmental Protection Agency, Research Triangle Park, NC, June 8, 1995</b>

I. SUMMARY

On June 18, 1993,  
conducted fluoride and particulate emissions tests for annual  
compliance certification at

The source tested was the Monoporosa Roller Kiln under

The tests were conducted by [REDACTED] [REDACTED]  
and [REDACTED] of [REDACTED]  
with the assistance and cooperation of the employees of [REDACTED]

A summary of the fluoride and particulate test results is  
shown in Table 1. The average fluoride emission rate was 0.19  
lb/hr, less than the maximum allowable emission rate of 3.0 lb/hr.  
The average particulate emission rate was 0.005 gr/dscf, less than  
the maximum allowable emission rate of 0.03 gr/dscf. No visible  
emissions were observed during the one hour test conducted  
concurrent to stack test run #3. During the test, the kiln was  
processing green tile at the normal production rate of 2.4 tons per  
hour.

All emission rates were determined according to the procedures  
prescribed by the [REDACTED]  
and the tested source was found to be in compliance with all  
applicable emission standards.

TABLE 1  
TEST SUMMATION

PLANT:  
SOURCE: MONOPOROSA ROLLER KILN  
PARAMETER: PARTICULATE MATTER & FLUORIDES  
DATE: 6/18/93

RUN NO.	SAMPLE VOL. (DSCF)	FLOWRATE (ACFM)	FLOWRATE (DSCFM)	WATER CONTENT (%)	STACK TEMP. (deg F)	ISO KINETIC (%)	PARTICULATE EMISSIONS (gr/dscf)	PARTICULATE EMISSIONS (lb/hr)	FLOURIDE EMISSIONS (lb/hr)
1	30.459	8917	4326	8.55	543	104.3	0.0054	0.20	0.230
2	29.148	8656	4273	7.78	534	101.0	0.0076	0.28	0.041
3	29.351	8893	4268	9.05	548	101.9	0.0025	0.09	0.287
Average		8822	4289	8.46	542	102.4	0.0052	0.19	0.186
							* ALLOWABLE	0.0300	3.000

\* Allowable emissions per Permit