

Colorado Test Summary of Results

The following, are results of Stack sampling tests performed on Elastec's, Smart Ash II units. Tests were conducted July 7, 1994 by Air Pollution Testing, Inc., at Air Pollution Testing, Inc. facility located in Lakewood, CO. Hill enterprises contracted Air Pollution testing, on the behalf of Elastec, Inc. for the testing on the Smart Ash II unit.

Run #	1	2	3	Average
Start Time	09:14	11:24	13:34	
Stop Time	10:12	12:24	14:34	
Sample Duration (Min)	35.5	60.0	60.0	51.8
O2 (%)	8.6	10.2	8.2	9.0
CO2 (%)	10.9	8.7	8.0	9.2
H2O (%)	8.3	5.2	6.8	6.7
Stack Temp (F)	799	843	894	845
ACFM	<448	<455	<467	<457
DSCFM	<142	<144	<140	<142
Particulate Emissions	<0.07	<0.01	<0.01	<0.03
lb/hr	0.0557	0.0080	0.0080	0.0230
gr/dscf	0.0613	0.0111	0.0119	0.0281
Gr/dscf @ 12% CO2				
CO Emissions	<0.081	<0.030	<0.012	<0.041
lb/hr	131	48	19	66
ppmvd	144	66	29	80
ppmvd @ 12 % CO2				

The short run time of sampling test # 1 was due to rapid burning of the cardboard material used for testing purposes. 17 lbs. of material was stacked in the drum to fit as much material as possible for the test.

This is a condensed version of the actual test results. Complete test results can be supplied upon request.