

# Automated Source Sampling

- Method 5 Isokinetic
- ASTM D-6784 (OH)
- 30B (Sorbent Tube)
- Part 75 Flow RATA
- Method 6
- 24-Hour Sampling

**METHOD 5**

CLIENT: Geneva Power Plant LOCATION: Stack  
UNIT: 4 METHOD: 5

**MANOMETER**

Zero Null+ STACK FLOW (DELTA P) Null- 0.00 INH2O

Zero SAMPLE SETPOINT (DELTA H) 0.00 INH2O

**TIMER**

Timer On 9.82 MINUTES  
START TIME 05/04/08 20:35:48  
Reset  
TOTAL RUN LENGTH 60 MIN

**METER BOX CONTROL**

Pump On Auto  
Sample/Timer On

**DRY GAS METER**

Reset Off 0.000 CUBIC FEET  
ΔB-7 0.000 LITERS  
1.003 Yd 0.00 L/MIN  
1.765 DH@

**SAMPLE FLOW CONTROL**

DELTA P 0.01 INH2O  
SP  
0.1 INH2O

**DATA PARAMETERS**

STACK (F) 0  
PROBE (F) 0  
FILTER (F) 0  
DRYER (F) 0  
METER IN (F) 0  
METER OUT (F) 0

VACUUM (INHG)

Probe Off  
Filter Off  
Testing

**PRELIMINARY DATA**

NOZZLE (INCHES) 0.250  
TEST NUMBER 1  
RUN NUMBER 1  
EST. ISOKINETICS (%)  
PORT 1  
POINT 4  
KFACTOR/SET POINT 0.876  
EST. MOISTURE (%) 12  
PITOT COEFF. (CP) 0.84  
STATIC PRES (INH2O) -1.1  
BAR PRESS. (INHG) 29.03  
AMBIENT TEMP (F)  
OXYGEN (%) 8  
CARBON DIOXIDE (%) 12