

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

**SUPPLEMENTAL APPLICATION
INFORMATION**

**FEE SCHEDULE
52B - Form E**

San Diego APCD Use Only

Appl. No.:

ID No.:

**SOIL REMEDIATION
CATALYTIC OXIDIZER/CATALYTIC CONVERTER**

- Submit this form in addition to Form A.
- Please type or print the information requested below.

1. CATALYTIC OXIDIZER SPECIFICATIONS

Make: _____ Model: _____

Burner/Heating Element

Make: _____ Model: _____

Rating _____ BTU/Hr, KW Processing Capacity _____ SCFM, m³/sec

Fuel Type: Natural Gas Electric Propane

Amount of Fuel: _____ SCFM, GPM, KW

Other _____

Flow Meter Flame Arrestor Strip/Circular Chart Recorder

2. CATALYST:

Make: _____ Model: _____

Volume _____ ft³, m³ Life Expectancy: _____ Hrs. of Operation (if known)

Replacement Schedule: when destruction drops

other _____

3. DESIGN OPERATING PARAMETERS

Catalyst Inlet Temperature: _____ °F, °K (Maximum) _____ °F, °K (Minimum)

Catalyst Exhaust Temperature: _____ °F, °K (Maximum) _____ °F, °K (Minimum)

Maximum Exhaust Gas Flow Rate: _____ ACFM, m³/sec

4. CONTROL EQUIPMENT INLET CONDITIONS

Process Flow Rate: _____ SCFM, m³/sec

21

Contaminant	Maximum Concentration	Source of Information	Removal Efficiency
VOC*			
Benzene			

*Non-methane hydrocarbons as methane.

22 **5. BLOWER SPECIFICATIONS**

23 Make: _____ Model: _____

24 Motor Horsepower: _____ Number in Use: _____

25 Maximum Flow: _____ SCFM, m³/sec Design Flow: _____ SCFM, m³/sec

26 Blower Curves Attached

27 **6. FLOW MONITORING & RECORDING DEVICES**

Instrument Type	Location	Frequency (continuous/other)	Recorder	
			YES	NO

28 **7. VAPOR PHASE MONITORING**

Contaminant	Instrument Type	Location	Frequency (continuous/other)	Recorder	
				YES	NO
VOC*					
Benzene					

*Non-methane hydrocarbons as methane.

29 **8. SAFETY SYSTEMS**

Instrument	Location	Trigger	Alarm	Auto Shut-Off	Other