

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

**SUPPLEMENTAL APPLICATION
INFORMATION**

**FEE SCHEDULE
52B - Form F**

San Diego APCD Use Only

Appl. No.:

ID No.:

SOIL REMEDIATION
THERMAL OXIDIZER/INTERNAL COMBUSTION ENGINE

- 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. DESIGN OPERATING PARAMETERS

Combustor Temperature: _____ °F Combustor Residence Time: _____ Seconds

Exhaust Maximum Flow Rate: _____ ACFM, m³/sec

3. CONTROL EQUIPMENT INLET CONDITIONS

| Contaminant | Maximum Concentration | Source of Information | Removal Efficiency |
|-------------|-----------------------|-----------------------|--------------------|
| VOC* | | | |
| Benzene | | | |
| | | | |
| | | | |

*Non-methane hydrocarbons as methane.

16 **4. BLOWER SPECIFICATIONS**

17 Make: _____ Model: _____

18 Motor Horsepower: _____ Number in Use: _____

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

20 Blower Curves Attached

21 **5. FLOW MONITORING & RECORDING DEVICES**

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

22 **6. VAPOR PHASE MONITORING**

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

*Non-methane hydrocarbons as methane.

23 **7. SAFETY SYSTEMS**

| Instrument | Location | Trigger | Alarm | Auto Shut-Off | Other |
|------------|----------|---------|-------|------------------|-------|
| | | | | | |
| | | | | | |