

Stack or Vent Data

44. Inside diameter or dimensions: ft	45. Gas exit temperature: °F
46. Height: ft	47. Stack serves: <input type="checkbox"/> This equipment only <input type="checkbox"/> Other equipment also (submit type and rating of all other equipment exhausted through this stack or vent)
48. Gas flow rate: ft/min	
49. Estimated percent of moisture: %	

Waste

50. Source of waste: <input type="checkbox"/> Hospital <input type="checkbox"/> Restaurant <input type="checkbox"/> Store <input type="checkbox"/> Industry <input type="checkbox"/> Apartment <input type="checkbox"/> Crematory <input type="checkbox"/> Warehouse <input type="checkbox"/> Public Institution <input type="checkbox"/> Other, specify:	
51. Describe fully, in detail, the composition of waste feed to the incinerator:	
52. Expected BTU/lb as fired: BTU/lb	53. Daily amount: lb
54. Does incinerator have a charge hopper <input type="checkbox"/> Yes <input type="checkbox"/> No	55. What is the volume of the charge hopper? ft³
56. Does the charge hopper have automatic control? <input type="checkbox"/> Yes <input type="checkbox"/> No	57. Is the waste charged to the incinerator weighed? <input type="checkbox"/> Yes <input type="checkbox"/> No
58. Is the secondary chamber preheated prior to charging waste? <input type="checkbox"/> Yes <input type="checkbox"/> No	59. At what secondary temperature does waste charging begin? °F
60. Is the ash waste quenched? <input type="checkbox"/> Yes <input type="checkbox"/> No	61. Is all the waste burned generated on site? <input type="checkbox"/> Yes <input type="checkbox"/> No
62. For hospital waste, is the ash inspected for recognizable combustible components? <input type="checkbox"/> Yes <input type="checkbox"/> No	
63. For hospital waste, are recognizable combustible components of the ash returned? <input type="checkbox"/> Yes <input type="checkbox"/> No	
64. Is any waste received from outside the local government boundary? <input type="checkbox"/> Yes <input type="checkbox"/> No	
65. Are hazardous or special waste burned? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please describe:	66. Are potential infectious waste burned? <input type="checkbox"/> Yes <input type="checkbox"/> No
67. How will the waste material from process and control equipment be disposed of?	
68. Method of charging waste solids: <input type="checkbox"/> Manual <input type="checkbox"/> Manual charge hopper <input type="checkbox"/> Automatic charge hopper <input type="checkbox"/> Other, specify:	69. Method of feeding liquids: <input type="checkbox"/> Lab pack <input type="checkbox"/> Injection as a primary burner fuel <input type="checkbox"/> Injection as a secondary burner fuel <input type="checkbox"/> Other, specify:
70. Rated steam flow – heat recovery boiler: lbs/hr	71. Rated pressure – recovery boiler: PSIG

Emissions Stream

72. Emission rates:

Pollutant	Pounds per Hour lb/hr	grain/ACF	@ °F	PSIA	Tons per Year Tons/yr	Parts per Million ppm
CO						
Hydrocarbons						
NO _x						
Pb						
PM ₁₀						
SO ₂						
VOCs						
Other (specify)						

73. If an *Air Pollution Control Device* is not submitted, the emission rates should be the same as those reported home "Maximum Potential and Maximum Actual Emissions" on the *Emission Points Data Summary Sheet*.

74. Emissions rates should be substantiated by submitting *stack test data* and/or *calculations*.

Fuel Usage Data

75. Estimated annual fuel cost: \$	
76. Firing rate: Maximum: mmBTU/hr	77. Fuel type: <input type="checkbox"/> Natural Gas <input type="checkbox"/> Coal
Typical: mmBTU/hr	<input type="checkbox"/> Fuel Oil, No.
Design: mmBTU/hr	<input type="checkbox"/> Other, specify:
78. Typical heating content of fuel:	79. Typical fuel sulfur content: wt. %
80. Typical fuel ash content: wt. %	81. Annual fuel usage:
82. Please complete an <i>Air Pollution Control Device Sheet(s)</i> for the control(s) used on this Emission Unit, if applicable.	
83. Have you included the <i>air pollution rates</i> on the Emissions Points Data Summary Sheet?	

84. Proposed Monitoring, Recordkeeping, Reporting, and Testing

Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.

MONITORING PLAN: Please list (1) describe the process parameters and how they were chosen (2) the ranges and how they were established for monitoring to demonstrate compliance with the operation of this process equipment operation or air pollution control device.

TESTING PLAN: Please describe any proposed emissions testing for this process equipment or air pollution control device.

RECORDKEEPING: Please describe the proposed recordkeeping that will accompany the monitoring.

REPORTING: Please describe the proposed frequency of reporting of the recordkeeping.

85. Please describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty.