## Source Category

**Source:** Incinerator - Infectious Waste  
**Revision:** 1  
**Document #:** 95.2.1  
**Date:** 10/25/91

## Determination

<table>
<thead>
<tr>
<th>POLLUTANT</th>
<th>BACT</th>
<th>TYPICAL TECHNOLOGY</th>
</tr>
</thead>
</table>
|           | 1. Technologically Feasible/ Cost Effective  
             2. Achieved in Practice | |
| POC       | 1. n/d  
             2. Multiple chamber, starved air design (≥0.5 sec. retention time at ≥1800°F)\(^a\) | 1. n/d  
             2. BAAQMD Approved Design and Operation\(^b\) |
| NO\(_x\)   | 1. n/s  
             2. n/s | 1. Natural Gas as Auxiliary Fuel with Selective Catalytic Reduction\(^a,b\)  
             2. Natural Gas as Auxiliary Fuel\(^a\) |
| SO\(_2\)   | 1. n/s  
             2. n/s | 1. Natural Gas as Auxiliary Fuel with Dry Scrubber and Baghouse\(^a\)  
             2. Natural Gas as Auxiliary Fuel with Wet Scrubber\(^a\) |
| CO         | 1. n/d  
             2. Multiple chamber, starved air design (≥0.5 sec. retention time at ≥1800°F)\(^a\) | 1. n/d  
             2. BAAQMD Approved Design and Operation\(^b\) |
| PM\(_{10}\) | 1. ≤0.002 gr/dscf @ 12% CO\(_2\) with enclosed automatic feed and ash removal system\(^a\)  
             2. ≤0.04 gr/dscf @ 12% CO\(_2\) with enclosed automatic feed and ash removal system\(^a\) | 1. BAAQMD Approved Design and Operation\(^b\)  
             2. BAAQMD Approved Design and Operation\(^b\) |
| NPOC      | 1. n/a  
             2. n/a | 1. n/a  
             2. n/a |

### References

- \(a\) SCAQMD Guideline  
- \(b\) BAAQMD