



**MAJOR SOURCE OPERATING PERMIT APPLICATION
 EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR**

| | |
|-------------------|---|
| 1. FACILITY NAME: | 2. STACK ID OR FLOW DIAGRAM POINT IDENTIFICATION (S): |
|-------------------|---|

3. PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR (IDENTIFY):

4. COMPLETE THE FOLLOWING EMISSIONS SUMMARY FOR REGULATED AIR POLLUTANTS. FUGITIVE EMISSIONS SHALL BE INCLUDED. ATTACH CALCULATIONS AND EMISSION FACTOR REFERENCES.

| AIR POLLUTANT | MAXIMUM ALLOWABLE EMISSIONS | | ACTUAL EMISSIONS | |
|----------------------------|-----------------------------|---|------------------|---|
| | TONS PER YEAR | RESERVED FOR STATE USE (POUNDS PER HOUR-ITEM 7, APC V.30) | TONS PER YEAR | RESERVED FOR STATE USE (POUNDS PER HOUR-ITEM 8, APC V.30) |
| | | | | |
| PARTICULATES (TSP) | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| SULFUR DIOXIDE | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| VOLATILE ORGANIC COMPOUNDS | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| CARBON MONOXIDE | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| LEAD | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| NITROGEN OXIDES | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| TOTAL REDUCED SULFUR | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| MERCURY | | | | |
| (FUGITIVE EMISSIONS) | | | | |

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(CONTINUED FROM LAST PAGE)

| AIR POLLUTANT | MAXIMUM ALLOWABLE EMISSIONS | | ACTUAL EMISSIONS | |
|------------------------|-----------------------------|---|------------------|---|
| | TONS PER YEAR | RESERVED FOR STATE USE (POUNDS PER HOUR-ITEM 7, APC V.30) | TONS PER YEAR | RESERVED FOR STATE USE (POUNDS PER HOUR-ITEM 8, APC V.30) |
| ASBESTOS | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| BERYLLIUM | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| VINYL CHLORIDE | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| FLUORIDES | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| GASEOUS FLUORIDES | | | | |
| (FUGITIVE EMISSIONS) | | | | |
| | | | | |
| | | | | |
| | | | | |

5. COMPLETE THE FOLLOWING EMISSIONS SUMMARY FOR REGULATED AIR POLLUTANTS THAT ARE HAZARDOUS AIR POLLUTANT (S). FUGITIVE EMISSIONS SHALL BE INCLUDED. ATTACH CALCULATIONS AND EMISSION FACTOR REFERENCES.

| AIR POLLUTANT & CAS | MAXIMUM ALLOWABLE EMISSIONS | | ACTUAL EMISSIONS | |
|---------------------|-----------------------------|---|------------------|---|
| | TONS PER YEAR | RESERVED FOR STATE USE (POUNDS PER HOUR-ITEM 7, APC V.30) | TONS PER YEAR | RESERVED FOR STATE USE (POUNDS PER HOUR-ITEM 8, APC V.30) |
| | | | | |
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| | | | | |

6. PAGE NUMBER: _____ REVISION NUMBER: _____ DATE OF REVISION _____

INSTRUCTIONS FOR APC FORM V.28
EMISSION SOURCE SUMMARY

SOURCES THAT ARE REQUIRED TO OBTAIN A PERMIT UNDER PARAGRAPH 1200-3-9-.02(11) OF TENNESSEE AIR POLLUTION CONTROL REGULATIONS, MUST COMPLETE AND RETURN THIS FORM, IF APPLICABLE. APPLICATIONS ARE INCOMPLETE UNLESS ALL APPLICABLE INFORMATION REQUESTED HEREIN IS SUPPLIED. FAILURE TO SUPPLY ANY ADDITIONAL INFORMATION REQUESTED BY THE TECHNICAL SECRETARY TO ENABLE HIM TO ACT ON THE APPLICATION MAY RESULT IN DENIAL OF THIS APPLICATION. IF THERE IS ADDITIONAL INFORMATION THAT WILL NOT FIT ON A FORM, PLEASE DECLARE THE INFORMATION ON ADDITIONAL SHEET(S) AND ATTACH IT TO THE BACK OF THE ORIGINAL.

USE ONE FORM FOR EACH PROCESS EMISSION SOURCE OR FUEL BURNING INSTALLATION OR INCINERATOR.

ITEM 2 PROVIDE THE IDENTIFICATION NUMBER(S) OR ID OF THE STACK(S) WHICH SERVES THIS EMISSION SOURCE. STACK NUMBER(S) OR ID OF STACKS SHOULD ALSO APPEAR ON THE APC FORM V.3.

ITEM 3 IDENTIFY THE EMISSION SOURCE.

ITEM 4 PROVIDE THE FOLLOWING EMISSION VALUES.

PLEASE STATE THE ACTUAL ANNUAL EMISSIONS IN TONS PER YEAR (TPY).

PLEASE USE THE LATEST ANNUAL ACCOUNTING PERIOD OF JULY 1 TO JUNE 30TH.

MAXIMUM ALLOWABLE EMISSIONS SHOULD REPRESENT THE GREATEST AMOUNT OF EMISSIONS ALLOWED UNDER ANY PERMIT OR APPLICABLE STANDARDS.

STATE THE REFERENCE(S) FOR THE CALCULATIONS. EMISSION FACTORS MAY BE COMPILED IN PUBLISHED DOCUMENTS, SUCH AS EPA'S AP-42, OR MAY BE BASED ON STACK TEST RESULTS. A SEPARATE PAGE OF NUMBERED REFERENCES IS APPROPRIATE AND MAY BE ATTACHED TO THIS APC FORM V.28. ALSO CITE THE APPLICABLE EMISSION STANDARD(S) IN THE CALCULATIONS.

PLEASE NOTE THAT THE LIST OF POLLUTANTS PROVIDED UNDER ITEM 4 DOES NOT INCLUDE ALL REGULATED AIR POLLUTANTS. ALL REGULATED POLLUTANTS MUST BE INCLUDED.
(e.g. MUNICIPAL WASTE COMBUSTOR ACID GASES, ORGANICS, AND METALS)

ITEM 5 HAZARDOUS AIR POLLUTANT(S) ARE STATED IN 1200-3-31-.02(6) OF THE TENNESSEE AIR POLLUTION CONTROL REGULATIONS.

LIST HAZARDOUS AIR POLLUTANT(S) RELEASED FROM THIS EMISSION SOURCE AND CAS (CHEMICAL ABSTRACT SYSTEM) NUMBER(S). IF NO CAS NUMBER HAS BEEN ASSIGNED TO A POLLUTANT, WRITE THE NAME OF THE POLLUTANT. IF YOU DON'T LIST ALL POLLUTANTS, IT IS UNDERSTOOD THAT THERE ARE NO EMISSIONS OTHER THAN WHAT IS LISTED.

PROVIDE THE FOLLOWING EMISSION VALUES.

PLEASE STATE THE ACTUAL ANNUAL EMISSIONS IN TONS PER YEAR (TPY).

PLEASE USE THE LATEST ANNUAL ACCOUNTING PERIOD OF JULY 1 TO JUNE 30TH.

MAXIMUM ALLOWABLE IN TPY IS REQUIRED ONLY IF APPLICABLE REQUIREMENT(S) EXISTS FOR THIS EMISSION SOURCE.

MAXIMUM ALLOWABLE EMISSIONS SHOULD REPRESENT THE GREATEST AMOUNT OF EMISSIONS ALLOWED UNDER ANY PERMIT OR APPLICABLE STANDARDS.

STATE THE REFERENCE(S) FOR THE CALCULATIONS. EMISSION FACTORS MAY BE COMPILED IN PUBLISHED DOCUMENTS, SUCH AS EPA'S AP-42, OR MAY BE BASED ON STACK TEST RESULTS. A SEPARATE PAGE OF NUMBERED REFERENCES IS APPROPRIATE AND MAY BE ATTACHED TO THIS APC FORM V.28. ALSO CITE THE APPLICABLE EMISSION STANDARD(S) IN THE CALCULATIONS.

PLEASE PLACE AN ASTERISK BY THE LISTED HAZARDOUS POLLUTANT(S) IF THIS EMISSION IS INCLUDED IN THE EMISSIONS UNDER ITEM 4 (THIS IS TO AVOID DOUBLE COUNTING OF EMISSIONS).

ITEM 6 PAGE NUMBER MUST BE FILLED IN. REVISION NUMBER AND DATE OF REVISION ARE TO BE FILLED IN ONLY IF THE INFORMATION ON THIS FORM IS BEING REVISED.

IF ANY ITEM ON THIS APPLICATION IS NOT APPLICABLE TO THIS FACILITY, THE ITEM MUST BE FILLED IN WITH "NOT APPLICABLE" OR "N/A".

