

INSTRUCTIONS FOR APC 4
FUEL BURNING NON-PROCESS EQUIPMENT

SOURCES THAT ARE REQUIRED TO OBTAIN A PERMIT UNDER PARAGRAPH 1200-03-09-.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.

COMPLETE ONE FORM FOR EACH PIECE OF FUEL BURNING EQUIPMENT

IF YOU WISH TO PROVIDE ADDITIONAL INFORMATION TO DEFINE ALTERNATIVE OPERATING SCENARIOS OR DEFINE PERMIT TERMS AND CONDITIONS ALLOWING EMISSIONS TRADING UNDER A FEDERALLY ENFORCEABLE EMISSIONS CAP TO BE ESTABLISHED IN THE PERMIT, PLEASE DECLARE THE INFORMATION ON AN APC FORM(S) OR ON ADDITIONAL SHEET(S). UNLESS OTHERWISE REQUESTED AS A LIMITING CONDITION, PERMIT IS BASED ON 8760 HRS/YR.

ITEM 3 PLEASE NOTE THAT WOOD-FIRED FUEL BURNING EQUIPMENT IS NOT A PART OF FUEL BURNING INSTALLATION AND AN APC 4 IS REQUIRED FOR EACH WOOD-FIRED FUEL BURNING EQUIPMENT. THE RULE FOR WOOD-FIRED FUEL BURNING EQUIPMENT ONLY APPLIES TO THAT FUEL BURNING EQUIPMENT DESIGNED TO BURN WOOD AND WHEN THE BURNING OF WOOD PROVIDES AT LEAST 30% OF THE HEAT INPUT OF THE UNIT AND THIS RULE DOES NOT APPLY TO UNITS BURNING COAL OR LIQUID FUELS OTHER THAN FUEL OILS.

DEFINITIONS:

FUEL BURNING EQUIPMENT IS ANY EQUIPMENT, DEVICE, OR CONTRIVANCE AND ALL APPURTENANCES THERETO, IN WHICH FUEL IS BURNED FOR THE PRIMARY PURPOSE OF PRODUCING THERMAL ENERGY AND IN WHICH THE MATERIAL BEING HEATED IS NOT CONTACTED BY, AND ADDS NO SUBSTANCE TO, THE PRODUCTS OF COMBUSTION.

FUEL BURNING INSTALLATION CONSISTS OF ONE OR MORE UNITS OF FUEL-BURNING EQUIPMENT WHERE THE PRODUCTS OF COMBUSTION ARE DISCHARGED THROUGH A SINGLE STACK OR WHERE THE PRODUCTS OF COMBUSTION ARE DISCHARGED THROUGH MORE THAN ONE STACK THE PLUMES FROM WHICH TEND TO MERGE INTO A SINGLE PLUME.

ITEM 4 ASSIGN AN IDENTIFICATION NUMBER TO THIS BOILER OR FURNACE (e.g. B10, B11, etc.). THIS NUMBER SHOULD ALSO APPEAR ON THE OTHER APPROPRIATE FORMS FOR THIS BOILER OR FURNACE: FORMS FOR CONTROL SYSTEM, COMPLIANCE DETERMINATION, AND STACK IDENTIFICATION. ASSIGN A STACK IDENTIFICATION NUMBER OR ID TO THE STACK ASSOCIATED WITH THIS FUEL BURNING SOURCE (e.g., S10, S11, etc.).

ITEM 5 DESCRIBE THE FUEL BURNING EQUIPMENT

ITEM 6 RECORD THE DATE OF INSTALLATION OR LAST MODIFICATION OF THIS SOURCE.

ITEM 7 STATE THE TYPE OF FURNACE IN TERMS OF THE FIRING CONFIGURATION (e.g. CYCLONE, SPREADER STOKER, FLUIDIZED BED, etc.).

ITEM 11 SHOW FUEL BURNING CAPACITY FOR RATED BURNER IN MILLIONS BTU/HR.

ITEM 13 COMPLETE THE TABLE FOR ALL FUELS PRESENTLY IN USE WITH THIS FUEL BURNING EQUIPMENT, PLUS ALL FUELS DESIRED FOR USE IN FUTURE OPERATING SCENARIOS.

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

ITEM 16 DESCRIBE THE FUGITIVE SOURCES. FUGITIVE EMISSIONS ARE THOSE EMISSIONS WHICH COULD NOT REASONABLY PASS THROUGH A STACK, CHIMNEY, VENT, OR OTHER FUNCTIONALLY-EQUIVALENT OPENING. INCLUDE SIZE OF STORAGE PILES, MATERIAL STORED, ANY CONTROL MEASURES USED.

ITEM 17 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".