DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
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NON-TITLE V PERMIT APPLICATION
OVEN SOURCE DESCRIPTION

Type or print. Submit for each oven. Submit with the APC 100.

GENERAL IDENTIFICATION AND DESCRIPTION

1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)]	**2. Emission Source Reference Number**

3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes ☐ No ☐
If Yes, list rule citation, including Part, Subpart, and applicable Sections:

PROCESS AND OVEN DESCRIPTION

4. Type of process: →	Paint bake ☐	Annealing ☐	Other (specify)	
5. Type of operation: →	Continuous ☐	Batch ☐	Normal batch time	Normal batches/day

6. Oven Manufacturer	Model number	Serial number	Unique Oven ID	Date installed

7. Describe articles processed

If Oven is part of a paint, varnish, or lacquer operation or part of a process emission source for which a Non-Title V Process or Fuel Burning Source Description Form (APC 102) has been completed, Item 8 may be left blank.

8. Process material inputs and in-process solid fuels	Diagram reference	Input rates (pounds/hour))	
		Design	Actual
A.			
B.			
C.			
D.			
Totals			

9. Method of heating: →	Direct fired ☐	Indirect fired ☐	Electric ☐	Steam ☐	Other (specify)
10. Exhaust control: →	None ☐	Direct flame afterburner ☐	Catalytic afterburner ☐	Other (Attach detailed description)	
11. Exhaust stack data: ** →	Height above grade (Ft.)	Diameter (Ft.)	Temperature (°F)	Direction of exit (Up, down or horizontal)	Distance to nearest property line (Ft.)
Data at exit conditions: →	Flow (actual) ($Ft.^3$/Min.)	Velocity (Ft. /Sec.)	Moisture (Grains/$Ft.^3$)	Moisture (percent)	Specify other equipment that shares this vent*

12. What other equipment such as spray booths, etc., are used in conjunction with this oven? (Specify and list corresponding Unique Source ID of each)

13. Control device. Description of proposed monitoring, recordkeeping, and reporting to assure compliance with emission limits. Include operating parameters of control device (flow rate, temperature, pressure drop, etc.).

FUEL DATA

Item 14 should be completed only for direct or indirect heated ovens, leave blank for electric or steam heated ovens.

14. Oven fuel data:	Primary fuel type (specify)	Standby fuel type(s) (specify)

Fuel	Annual usage	Hourly Usage		% Sulfur content	% Ash content	BTU value of fuel
		Design	Average			
Natural gas	10^6 Cu. Ft.	Cu. Ft.	Cu. Ft.	////////// //////////	////////// //////////	BTU/Cu. Ft. 1000
#2 Fuel oil	10^3 Gal.	Gal.	Gal.		////////// //////////	
Liquid propane	10^3 Gal.	Gal.	Gal.	////////// //////////	////////// //////////	BTU/Gal. 85,000
Other (specify type & units)						

* A simple flow diagram must be attached.

** If Oven has more than one vent or stack, submit a Non-Title V Emission Point Description Form (APC 101) for each additional vent or stack.

15. Air contaminants. Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. (see instructions for more details)

If Oven is part of a paint, varnish, or lacquer operation, item 15 should be left blank.

Air contaminants	Average Emissions (Lbs./Hr.)	Maximum Emissions (Lbs./Hr.)	Concen-tration	Average Emissions (Tons/Yr.)	Potential Emissions (Tons/Yr.)	Emissions Estimation Method Code*	Control Devices *	Control Effi-ciency %
Particulate matter (PM)			**					
Sulfur dioxide (SO_2)			PPM					
Carbon monoxide (CO)			PPM					
Volatile organic compounds (VOC)			PPM					
Nitrogen oxides (NO_X)			PPM					
Hydrogen fluoride (HF)								
Hydrogen chloride (HCl)								
Lead (Pb)								
Greenhouse gases (CO_2 equivalents)								
Other (specify)								
Other (specify)								

16. Comments

SIGNATURE

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

17. Signature		**Date**
Signer's name (type or print)	**Title**	**Phone number with area code**

* Refer to the back of the Non-Title V Facility Identification Form (APC 100) for estimation method and control device codes.

** Exit gas particulate matter concentrations units: Grains/Dry Standard Ft^3 (70°F).