

FOR OHIO EPA USE
 FACILITY ID: _____
 EU ID: _____ PTI#: _____

EMISSIONS ACTIVITY CATEGORY FORM
MATERIAL HANDLING: FUGITIVE DUST EMISSIONS

This form is to be completed for any material handling operation with fugitive dust emissions. State/Federal regulations which may apply to material handling operations are listed in the instructions. Note that there may be other regulations which apply to this emissions unit which are not included in this list.

1. Reason this form is being submitted (Check one)

New Permit Renewal or Modification of Air Permit Number(s) (e.g. F001) F004

2. Maximum Operating Schedule: 24 hours per day; 365 days per year

If the schedule is less than 24 hours/day or 365 days/year, what limits the schedule to less than maximum? See instructions for examples. _____

3. What is the material being handled? Coke

4. Mean wind speed at or near facility 9.9 miles per hour

5. Complete the following table for all unloading operations.

ID	Type of Unloading (see examples below)	Material Unloaded	Annual Quantity Unloaded (tons/yr)	Hourly Maximum Unloading Rate (tons/hr)	Avg. Moisture Content, as Unloaded (%)
A	Truck: <input type="checkbox"/> dump <input type="checkbox"/> pneumatic Vessel: <input type="checkbox"/> clamshell <input type="checkbox"/> bucket ladder Rail car: <input type="checkbox"/> side dump <input type="checkbox"/> bottom dump <input type="checkbox"/> rotary dump <input type="checkbox"/> pneumatic Other: _____				
B	Truck: <input type="checkbox"/> dump <input type="checkbox"/> pneumatic Vessel: <input type="checkbox"/> clamshell <input type="checkbox"/> bucket ladder Rail car: <input type="checkbox"/> side dump <input type="checkbox"/> bottom dump <input type="checkbox"/> rotary dump <input type="checkbox"/> pneumatic Other: _____				
C	Truck: <input type="checkbox"/> dump <input type="checkbox"/> pneumatic Vessel: <input type="checkbox"/> clamshell <input type="checkbox"/> bucket ladder Rail car: <input type="checkbox"/> side dump <input type="checkbox"/> bottom dump <input type="checkbox"/> rotary dump <input type="checkbox"/> pneumatic Other: _____				

D	Truck: <input type="checkbox"/> dump <input type="checkbox"/> pneumatic Vessel: <input type="checkbox"/> clamshell <input type="checkbox"/> bucket ladder Rail car: <input type="checkbox"/> side dump <input type="checkbox"/> bottom dump <input type="checkbox"/> rotary dump <input type="checkbox"/> pneumatic Other: _____				
---	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--

6. Complete the following table for all loading operations.

ID	Type of Loading (see examples below)	Material Loaded	Annual Quantity Loaded (tons/yr)	Hourly Maximum Loading Rate (tons/hr)	Avg. Moisture Content, as Loaded (%)
E	<input type="checkbox"/> front end loader <input type="checkbox"/> under pile load out <input type="checkbox"/> bucket well reclaimer <input type="checkbox"/> rake reclaimer <input checked="" type="checkbox"/> other: <u>Conveyor to AK Steel</u> (alternate rail loadout)	Coke	613,828	500	7%
F	<input type="checkbox"/> front end loader <input type="checkbox"/> under pile load out <input type="checkbox"/> bucket well reclaimer <input type="checkbox"/> rake reclaimer <input checked="" type="checkbox"/> other: <u>Truck</u>	Coke Breeze	40,621	500	7%
G	<input type="checkbox"/> front end loader <input type="checkbox"/> under pile load out <input type="checkbox"/> bucket well reclaimer <input type="checkbox"/> rake reclaimer <input type="checkbox"/> other: _____				
H	<input type="checkbox"/> front end loader <input type="checkbox"/> under pile load out <input type="checkbox"/> bucket well reclaimer <input type="checkbox"/> rake reclaimer <input type="checkbox"/> other: _____				

7. Complete the following table for all transfer operations.

ID	Type of Transfer Point (see examples below)	Number of Such Points	Type of Material Handled	Max. Transfer Rate (tons/hr)
I	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input checked="" type="checkbox"/> belt conveyor to belt conveyor Other: _____	7	Coke	500
J	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input checked="" type="checkbox"/> belt conveyor to belt conveyor Other: _____	4	Coke	500
K	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input checked="" type="checkbox"/> belt conveyor to belt conveyor Other: _____	12	Coke	500
L	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input checked="" type="checkbox"/> belt conveyor to belt conveyor Other: _____	1	Coke	500
M	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input type="checkbox"/> belt conveyor to belt conveyor Other: _____			
N	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input type="checkbox"/> belt conveyor to belt conveyor Other: _____			
O	<input type="checkbox"/> Load/unload conveyor: <input type="checkbox"/> vibrating <input type="checkbox"/> belt <input type="checkbox"/> screw <input type="checkbox"/> bucket elevator <input type="checkbox"/> belt conveyor to belt conveyor Other: _____			

8. Summarize the material handling operations covered in items 5 through 7 above and identify the applicable control method(s) from available options. Complete the remaining table based upon the selected control method(s).

ID	Enclosure, Control Equipment (describe)	Chemical Stabilization	Application Frequency	Overall Control Eff. (%)	Basis for Overall Control Efficiency
A		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
B		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
C		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
D		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
E	Conveyor to AK Steel (enclosed) (alternate rail loadout)	<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input checked="" type="checkbox"/> other: <u>wet material</u>		85%	Ohio RACM
F	Coke breeze bin loadout (enclosed)	<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____		85%	Ohio RACM
G		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
H		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
I	Enclosure (coke transfer)	<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input checked="" type="checkbox"/> other: <u>wet material</u>		95%	Ohio RACM
J	No enclosure (coke transfer)	<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input checked="" type="checkbox"/> other: <u>wet material</u>			

K	Partial enclosure (coke transfer)	<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input checked="" type="checkbox"/> other: <u>wet material</u>		85%	Ohio RACM
L	Partial enclosure (coke transfer)	<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____		50%	Ohio RACM
M		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
N		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			
O		<input type="checkbox"/> water <input type="checkbox"/> dust suppressant <input type="checkbox"/> other: _____			