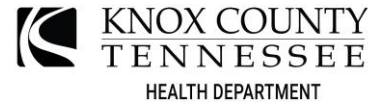


Knox County Department of Air Quality Management
 Non-Title V Permit Application
 APC-25 Form: Rock Crushing Operation Source Data
 (Please Type or Print)



Please fill out a form for each rock crushing operation					
1. Business information:			Air Quality Use Only		
Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted			Source Number		
2. Emission unit name:			Emission Unit Number		
3. Operating schedule:					
Hours per day	Days per week	Weeks per year	Days per year		
4. Percentage of yearly operation that occurs during the following quarters: (total must equal 100%)					
Dec-Jan-Feb	Mar-April-May	June-July-Aug	Sept-Oct-Nov		
5. Equipment information:					
The applicant must submit an equipment list and flow diagram. The applicant may use the table below to list the equipment or may attach a separate piece of paper for equipment list. The equipment list must include each crusher, screen, conveyor, bin, pugmill, feeder, etc. The flow diagram must show each piece of equipment with a reference number.					
Equipment Type	Flow diagram reference number	Size*	Operating rate (tons/hour)		Date of manufacture
			Design	Actual	
* Size: For crushers, size is the design operating rate in tons/hr. For screens, size is the dimensions of the top deck of the screen. For conveyors, size is the width of the conveyor. For bins, size is the design capacity in tons.					

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6. Air contaminants:							
Emission estimates should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet.							
Particulate matter	Flow diagram reference number	Average emissions (lb/hr)	Maximum emissions (lb/hr)	Average emissions (tons/yr)	Emission Estimate Method**	Control Devices**	Control Efficiency (%)
Primary crushing (3 - 12 inches)							
Secondary crushing (1 - 4 inches)							
Tertiary crushing (3/16 th – 1 inch)							
Fines crushing (< 3/16 th inch)							
Screening							
Fines screening							
Conveying and transferring							
Other (specify)							
Other (specify)							
Totals							

** Refer to APC-1 Form: General Information for tables of estimation method and control device codes

7. Compliance demonstration and monitoring/recording devices:
 Description of proposed monitoring and recordkeeping to assure compliance with emission limits. Include operating parameters of source and/or control device being monitored (opacity, wet suppression, etc.).

Check all attached monitoring and recording devices: No monitor Opacity monitor Pressure drop gauge Electronic data logger Strip chart Other (describe):

8. Comments

9. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.

Signature of responsible official _____ Date of application _____