WOOD PRODUCT PROCESS CYCLONE PROCESS DEVICE DESCRIPTION

FORM AQ226 ANSWER SHEET

Complete one Process Device Description form for each existing and/or future (if known) process cyclone that is not a closed loop system.

1. Enter the process device identification label (e.g. Planer Cyclone, #1 Cyclone, C-1, etc.) for this device.
2. Enter the date the process device was installed. If prior to 1970, the year is sufficient.
3. Enter the name of the manufacturer.
4. Specify the class of the cyclone (medium efficiency or high efficiency). To be classed as a high efficient cyclone the ratio of the length of the cone to the diameter of the body must equal or exceed a value of 2.5.
5. Briefly describe the cyclone processing activity (e.g. Pneumatically receives sawdust from edge saws #1 and 2 and transfers it to Sawdust Truck Bin #4).
6. Enter the diameter of the cyclone in inches.
7. Enter the length of the cyclone in inches or feet (specify).
8. Enter the design inlet gas flow rate (actual cubic feet per minute).
9. Enter the design pressure drop across the cyclone (inches of water).
10. Identify each wood product (e.g. green sawdust, planer shaving, sanderdust, etc.) that is processed by this cyclone and enter the maximum hourly and proposed annual throughputs in Bone Dry Tons.
11. If the cyclone exhaust is controlled, list the control equipment using the Control Device ID. Fill out the appropriate Control Device Description Form [Series 300] for each associated control device.
12. If the cyclone has been physically modified since it was installed, enter the date of the modification and describe the modification. Attach additional information as needed.

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Facility Name: _____ Permit Number: _____

1.	Process Device ID	
2.	Date installed	
3	Manufacturer	
4.	Type of Cyclone (medium or high efficiency)	
5.	Process description	
6.	Cyclone diameter (inches)	
7.	Cyclone length (inches or feet-specify)	
8.	Design inlet gas flow rate (acfm)	
9.	Design pressure drop across the cyclone (inches of water)	

10. Material throughput information:

Material type	Maximum hourly throughput (BDT)	Annual throughput (BDT)

11. If the cyclone exhaust is controlled, list the Control Device ID(s) and complete the appropriate form from series AQ300

12 Has the cyclone been physically modified? If yes, enter date and describe the modification