WOOD PARTICLE DRYER PROCESS DEVICE DESCRIPTION **FORM AQ222 INSTRUCTIONS**

Complete one Process Device Description form for each existing and/or future (if known) particle dryer.

1. Enter the process device identification label (e.g. South Dryer, #1 Dryer, PD-1, etc.) for this device.
2. Enter the date the process device was installed. If prior to 1970, the year is sufficient.
3. If the device has been physically modified since it was installed, enter the date of the modification and describe the modification. Attach additional information as needed.
4. Enter the name of the manufacturer.
5. Enter the type of dryer (e.g. rotary, tube, flashtube, etc.).
6. Enter the heat source for the dryer (e.g. steam, wood, natural gas, oil, sanderdust, etc).
7. Indicate whether or not resin is added to the wood prior to its entering the dryer.
8. Indicate the range in the dryer inlet temperature (°F).
9. Indicate the range in the dryer outlet temperature (°F).
10. Indicate the range in moisture content of the material entering the dryer (% weight, dry basis).
11. Indicate the range in moisture content of the material leaving the dryer (% weight, dry basis).
12. List the species of wood dried.
13. Enter the maximum short term (hourly, daily, etc. – specify) production in bone dry tons.
14. Enter the proposed annual production for in bone dry tons.
15. If the particle dryer exhaust is controlled, list the Control Device ID(s) and complete the appropriate form from series AQ300

WOOD PARTICLE DRYER PROCESS DEVICE DESCRIPTION

FORM AQ222 ANSWER SHEET

Facility Name: _____ Permit Number: _____

1.	Process device ID	
2.	Date installed	
3.	Has the device been physically modified? If yes, enter date and describe the modification	
4.	Manufacturer	
5.	Type of dryer	
6.	Heat source	
7.	Resin added prior to drying (yes/no)	
8.	Range in dryer inlet temperature (°F)	
9.	Range in dryer outlet temperature (°F)	
10.	Range in material moisture content entering dryer (% wt. dry basis)	
11.	Range in material moisture content leaving dryer (% wt. dry basis)	
12.	Species	
13.	Maximum throughput (hourly or daily)	
14.	Proposed annual production (BDT)	
15.	If the particle dryer exhaust is controlled, list the Control Device ID(s) and complete the appropriate form from series AQ300	