

State of Georgia
Department of Natural Resources
Environmental Protection Division

Permit No.
2499-075-0028-E-01-0

5.15 Upon the initial startup of Phase II, the Permittee shall develop and implement a Preventive Maintenance Program (PMP) for the regenerative thermal oxidizer (ID No. RTO) in order to assure that the provisions of Condition 1.1 are met. The program shall be subject to review and, if necessary, to assure compliance, modification by the Division. At a minimum, the following operation and maintenance checks shall be made on at least an annual basis, and a record of the findings and corrective actions taken shall be kept in a maintenance log:
[391-3-1-.02(6)(b)1]

- a. Clean burner.
- b. Tighten burner valve linkage.
- c. Visually inspect the combustion zone thermocouple, have thermocouple calibrated for proper operation.
- d. Visually inspect the inlet and outlet pressure sensors, have sensors calibrated for proper operation.
- e. Visually inspect crossflow for plugging on burner side. If crossflow is dirty remove and clean with hose and water.
- f. Visually inspect chamber for cracks.
- g. Visually inspect process fan rotor for warpage, cracking, abnormal noise, and free spin.

5.16 Upon the initial startup of Phase II, the Permittee shall perform a check of visible emissions from the truck unloading, whole log pile, drum debarker, chipper, wood chip pile, and green chip screening. The Permittee shall retain a record in a daily visible emissions (VE) log suitable for inspection or submittal. The check shall be conducted at least once for each day or portion of each day of operation using procedures a. through c. below except when atmospheric conditions or sun positioning prevent any opportunity to perform the daily VE check. Any operational day when atmospheric conditions or sun position prevent a daily reading shall be reported as monitor downtime/excursion in the report required by Condition 7.5.
[391-3-1-.02(6)(b)1]

- c. Determine if visible emissions are present at the discharge point to the atmosphere from each of the fugitive sources and record the results in the daily (VE) log.
- d. For each source that emits visible emissions, the Permittee shall determine the cause of the visible emissions and correct the problem in the most expedient manner possible. The Permittee shall note the cause of the visible emissions, any other pertinent operating parameters, and the corrective action taken in the maintenance log.