

Pulp and Paper Manufacturing Monitoring Checklist



Subpart AA, Greenhouse Gas Reporting Program

What Must Be Monitored?

Measure these parameters...

Chemical recovery furnace located at kraft or soda facility:

- | | |
|---|--|
| <input type="checkbox"/> Mass of fossil fuels consumed (short tons for solid fuel; standard cubic feet [scf] for gaseous fuel; gallons for liquid fuel) | <input type="checkbox"/> High heat value of spent liquor solids (mmBtu per kg) |
| <input type="checkbox"/> Annual mass of spent liquor solids combusted (short tons) | |

Chemical recovery combustion unit located at sulfite or stand-alone semichemical facility:

- | | |
|---|---|
| <input type="checkbox"/> Mass of fossil fuels consumed (short tons for solid fuel; scf for gaseous fuel; gallons for liquid fuel) | <input type="checkbox"/> Annual carbon content of spent liquor solids (percent by weight) |
| <input type="checkbox"/> Annual mass of spent liquor solids combusted (short tons) | |

Pulp mill lime kiln located at kraft or soda facility:

- | | |
|---|--|
| <input type="checkbox"/> Mass of fossil fuels consumed (short tons for solid fuel; scf for gaseous fuel; gallons for liquid fuel) | <input type="checkbox"/> Annual quantity of calcium oxide (CaO) produced (metric tons) |
|---|--|

Makeup chemicals:

- | | |
|---|---|
| <input type="checkbox"/> Annual makeup quantity of CaCO ₃ used (metric tons) | <input type="checkbox"/> Annual makeup quantity of Na ₂ CO ₃ used (metric tons) |
|---|---|

Other:

- | | |
|--|---|
| <input type="checkbox"/> Annual steam purchases (pounds of steam per year) | <input type="checkbox"/> Annual production of unbleached virgin chemical pulp produced (air dried metric tons). |
|--|---|

See also the information sheet for Pulp and Paper Manufacturing at:
<https://www.epa.gov/ghgreporting/subpart-aa-information-sheet>.

This document is provided solely for informational purposes. It does not provide legal advice, have legally binding effect, or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits in regard to any person. This information is intended to assist reporting facilities/owners in understanding key provisions of the Greenhouse Gas Reporting Program.