

# Pulp and Paper Manufacturing Monitoring Checklist



## Final Rule: Mandatory Reporting of Greenhouse Gases

### What Must Be Monitored?

#### Measure these parameters...

#### Chemical recovery furnace located at kraft or soda facility:

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|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <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:

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| <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:

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| <input type="checkbox"/> Mass of fossil fuels consumed (short tons for solid fuel; scf for gaseous fuel; gallons for liquid fuel) |
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#### Makeup chemicals:

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|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Annual makeup quantity of $\text{CaCO}_3$ used (metric tons) | <input type="checkbox"/> Annual makeup quantity of $\text{Na}_2\text{CO}_3$ used (metric tons) |
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#### Other:

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- |                                                                            |                                                                                        |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <input type="checkbox"/> Annual steam purchases (pounds of steam per year) | <input type="checkbox"/> Annual production of pulp and/or paper products (metric tons) |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|

*See also the information sheet for Pulp and Paper Manufacturing at:*  
[www.epa.gov/climatechange/emissions/downloads/infosheets/pulpandpapermanufacturing.pdf](http://www.epa.gov/climatechange/emissions/downloads/infosheets/pulpandpapermanufacturing.pdf).