

Titanium Dioxide Production Monitoring Checklist



Final Rule: Mandatory Reporting of Greenhouse Gases

What Must Be Monitored for Each Process Line?

If NOT using a CEMS, measure these parameters on a monthly basis (unless otherwise noted)...

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| <input type="checkbox"/> Calcined petroleum coke consumption (tons) | <input type="checkbox"/> Annual and monthly production of titanium dioxide (tons) |
| <input type="checkbox"/> Carbon content factor for petroleum coke consumed from the supplier or as measured (percent by weight) | <input type="checkbox"/> Annual operating hours for each titanium dioxide process line (hours) |
| <input type="checkbox"/> Annual consumption of calcined petroleum coke (tons) | <input type="checkbox"/> Annual production of carbon-containing waste (tons), if applicable |

If facility generates carbon containing wastes:

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|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Monthly production of carbon containing waste (tons) | <input type="checkbox"/> Annual sample of carbon content for carbon containing waste (percent by weight) |
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If using a CEMS:

In addition to the monitoring requirements under 40 CFR subpart C for the Tier 4 Calculation Methodology, measure these parameters...

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|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Annual consumption of calcined petroleum coke (tons) | <input type="checkbox"/> Annual production of carbon-containing waste (tons), if applicable |
| <input type="checkbox"/> Annual production of titanium dioxide (tons) | |

See also the information sheet for Titanium Dioxide Production (EPA-430-F-09-035R) at: www.epa.gov/climatechange/emissions/downloads/infosheets/titaniumdioxideproduction.pdf.

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