

If you have an existing affected source, you must comply with the work practice standards within 3 years of May 16, 2003.

D. What Are the Emission Limits?

Today's final rule includes emission limits in the form of production-based mass emission limits and percent reduction requirements. In establishing the HAP emission limits, we selected PM as a surrogate for HAP metals, including mercury in particulate form. Today's final rule includes HF, HCl, and PM emission limits for new and reconstructed affected sources at clay ceramics manufacturing facilities, as well as for the following affected sources that would be considered reconstructed but for 40 CFR 63.8540(f): Existing tunnel kilns with design capacities less than 9.07 Mg/hr (10 tph) of fired product whose design capacities are increased such that they are equal to or greater than 9.07 Mg/hr (10 tph) of fired product, and existing DLA-controlled tunnel kilns with design capacities equal to or greater than 9.07 Mg/hr (10 tph) of fired product.

If you own or operate a new or reconstructed tunnel kiln with a design capacity less than 9.07 Mg/hr (10 tph) of fired product or a tunnel kiln that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2), you are required to meet an HF emission limit of 0.029 kg/Mg (0.057 lb/ton) of fired product or reduce uncontrolled HF emissions by at least 90 percent. You also are required to meet an HCl emission limit of 0.13 kg/Mg (0.26 lb/ton) of fired product or reduce uncontrolled HCl emissions by at least 30 percent. Finally, you are required to meet a PM emission limit of 0.21 kg/Mg (0.42 lb/ton) of fired product.

If you own or operate a new or reconstructed tunnel kiln with a design capacity equal to or greater than 9.07 Mg/hr (10 tph) of fired product, you are required to meet an HF emission limit of 0.029 kg/Mg (0.057 lb/ton) of fired product or reduce uncontrolled HF emissions by at least 90 percent. You also are required to meet an HCl emission limit of 0.028 kg/Mg (0.056 lb/ton) of fired product or reduce uncontrolled HCl emissions by at least 85 percent. Finally, you are required to meet a PM emission limit of 0.06 kg/Mg (0.12 lb/ton) of fired product.

E. What Are the Operating Limits?

The operating limits for new and reconstructed clay ceramics tunnel kilns and tunnel kilns that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2) are

the same as those for new and reconstructed BSCP tunnel kilns. These operating limits are presented in section III.E of this preamble.

F. What Are the Work Practice Standards?

If you have an existing, new, or reconstructed clay ceramics periodic kiln, tunnel kiln, or roller kiln, or a tunnel kiln that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2), you must use natural gas, or an equivalent fuel, as the kiln fuel at all times except during periods of natural gas curtailment or other periods when natural gas is not available.

G. What Are the Performance Test and Initial Compliance Requirements for Sources Subject to Emission Limits?

The performance test and initial compliance requirements for new and reconstructed clay ceramics tunnel kilns and tunnel kilns that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2) are the same as those for new and reconstructed BSCP tunnel kilns. These requirements are presented in section III.F of this preamble.

H. What Are the Initial Compliance Requirements for Sources Subject to a Work Practice Standard?

For each existing, new, or reconstructed clay ceramics periodic kiln, tunnel kiln, or roller kiln, and each tunnel kiln that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2), you must indicate, in your initial notification, that you use natural gas, or an equivalent fuel, as the kiln fuel, and certify that such information is true, accurate, and complete.

I. What Are the Continuous Compliance Requirements for Sources Subject to Emission Limits?

The continuous compliance requirements for new and reconstructed clay ceramics tunnel kilns and tunnel kilns that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2) are the same as those for new and reconstructed BSCP tunnel kilns. These requirements are presented in section III.G of this preamble.

J. What Are the Continuous Compliance Requirements for Sources Subject to a Work Practice Standard?

For each existing, new, or reconstructed clay ceramics periodic kiln, tunnel kiln, or roller kiln, and each tunnel kiln that would be considered

reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2), you must use natural gas, or an equivalent fuel, as the kiln fuel, and document the type of fuel used. The type of fuel used, along with other compliance information, must be certified as part of your compliance reports. During periods of natural gas curtailment or other periods when natural gas is unavailable, you are allowed to use an alternative fuel. However, if you use an alternative fuel, you must meet the notification requirements specified in 40 CFR 63.8630(g) and the reporting requirements specified in 40 CFR 63.8635(g).

K. What Are the Notification, Recordkeeping, and Reporting Requirements for Sources Subject to Emission Limits?

The notification, recordkeeping, and reporting requirements for new and reconstructed clay ceramics tunnel kilns and tunnel kilns that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2) are the same as those for new and reconstructed BSCP tunnel kilns. These requirements are presented in section III.H of this preamble.

L. What Are the Notification, Recordkeeping, and Reporting Requirements for Sources Subject to a Work Practice Standard?

If you operate an existing, new, or reconstructed clay ceramics periodic kiln, tunnel kiln, or roller kiln, or a tunnel kiln that would be considered reconstructed but for 40 CFR 63.8540(f)(1) or 40 CFR 63.8540(f)(2), you must submit an initial notification that indicates that you use natural gas, or an equivalent fuel, as the kiln fuel. You must keep records that document your kiln fuel, and if you must use an alternative fuel due to a natural gas curtailment or other interruption of natural gas supply, you must submit a notification of alternative fuel use that includes the information specified in 40 CFR 63.8630(g). You must submit a report of alternative fuel use within 10 working days after terminating the use of the alternative fuel. The report must include the information specified in 40 CFR 63.8635(g).

VII. Summary of Environmental, Energy, and Economic Impacts for the Final Clay Ceramics Manufacturing NESHAP

A. What Are the Air Quality Impacts?

Because the only requirements for existing sources under today's final rule