

TABLE 12 TO SUBPART UUU OF PART 63—INITIAL COMPLIANCE WITH ORGANIC HAP EMISSION LIMITS FOR CATALYTIC CRACKING UNITS

As stated in §63.1565(b)(4), you shall meet each requirement in the following table that applies to you.

| For each new and existing catalytic cracking unit . . . | For the following emission limit . . . | You have demonstrated initial compliance if . . . |
|---|--|--|
| 1. Subject to the NSPS for carbon monoxide (CO) in 40 CFR 60.103. | CO emissions from your catalyst regenerator vent or CO boiler serving the catalytic cracking unit must not exceed 500 ppmv (dry basis). | You have already conducted a performance test to demonstrate initial compliance with the NSPS and the measured CO emissions are less than or equal to 500 ppm (dry basis). As part of the Notification of Compliance Status, you must certify that your vent meets the CO limit. You are not required to conduct another performance test to demonstrate initial compliance. You have already conducted a performance evaluation to demonstrate initial compliance with the applicable performance specification. As part of your Notification of Compliance Status, you must certify that your continuous emission monitoring system meets the applicable requirements in §63.1572. You are not required to conduct another performance evaluation to demonstrate initial compliance. |
| 2. Not subject to the NSPS for CO in 40 CFR 60.103. | <p>a. CO emissions from your catalyst regenerator vent or CO boiler serving the catalytic cracking unit must not exceed 500 ppmv (dry basis).</p> <p>b. If you use a flare, visible emissions must not exceed a total of 5 minutes during any 2 operating hours.</p> | <p>i. If you use a continuous parameter monitoring system, the average CO emissions measured by Method 10 over the period of the initial performance test are less than or equal to 500 ppmv (dry basis).</p> <p>ii. If you use a continuous emission monitoring system, the hourly average CO emissions over the 24-hour period for the initial performance test are not more than 500 ppmv (dry basis); and your performance evaluation shows your continuous emission monitoring system meets the applicable requirements in §63.1572.</p> <p>Visible emissions, measured by Method 22 during the 2-hour observation period during the initial performance test, are no higher than 5 minutes.</p> |

[67 FR 17773, Apr. 11, 2002, as amended at 70 FR 6942 and 6948, Feb. 9, 2005]

TABLE 13 TO SUBPART UUU OF PART 63—CONTINUOUS COMPLIANCE WITH ORGANIC HAP EMISSION LIMITS FOR CATALYTIC CRACKING UNITS

As stated in §63.1565(c)(1), you shall meet each requirement in the following table that applies to you.

| For each new and existing catalytic cracking unit . . . | Subject to this emission limit for your catalyst regenerator vent . . . | If you must . . . | You shall demonstrate continuous compliance by . . . |
|---|---|--|---|
| 1. Subject to the NSPS for carbon monoxide (CO) in 40 CFR 60.103. | CO emissions from your catalyst regenerator vent or CO boiler serving the catalytic cracking unit must not exceed 500 ppmv (dry basis). | Continuous emission monitoring system. | Collecting the hourly average CO monitoring data according to §63.1572; and maintaining the hourly average CO concentration at or below 500 ppmv (dry basis). |

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| For each new and existing catalytic cracking unit . . . | Subject to this emission limit for your catalyst regenerator vent . . . | If you must . . . | You shall demonstrate continuous compliance by . . . |
|---|---|---|--|
| 2. Not subject to the NSPS for CO in 40 CFR 60.103. | i. CO emissions from your catalyst regenerator vent or CO boiler serving the catalytic cracking unit must not exceed 500 ppmv (dry basis). | Continuous emission monitoring system. | Same as above. |
| | ii. CO emissions from your catalyst regenerator vent or CO boiler serving the catalytic cracking unit must not exceed 500 ppmv (dry basis). | Continuous parameter monitoring system. | Maintaining the hourly average CO concentration below 500 ppmv (dry basis). |
| | iii. Visible emissions from a flare must not exceed a total of 5 minutes during any 2-hour period. | Control device-flare | Maintaining visible emissions below a total of 5 minutes during any 2-hour operating period. |

[67 FR 17773, Apr. 11, 2002, as amended at 70 FR 6942 and 6948, Feb. 9, 2005]

TABLE 14 TO SUBPART UUU OF PART 63—CONTINUOUS COMPLIANCE WITH OPERATING LIMITS FOR ORGANIC HAP EMISSIONS FROM CATALYTIC CRACKING UNITS

As stated in §63.1565(c)(1), you shall meet each requirement in the following table that applies to you.

| For each new existing catalytic cracking unit . . . | If you use . . . | For this operating limit . . . | You shall demonstrate continuous compliance by . . . |
|---|---|---|---|
| 1. Subject to NSPS for carbon monoxide (CO) in 40 CFR 60.103. | Continuous emission monitoring system. | Not applicable | Complying with Table 13 of this subpart. |
| 2. Not subject to the NSPS for CO in 40 CFR 60.103. | a. Continuous emission monitoring system. | Not applicable | Complying with Table 13 of this subpart. |
| | b. Continuous parameter monitoring systems—thermal incinerator. | i. The daily average combustion zone temperature must not fall below the level established during the performance test. | Collecting the hourly and daily average temperature monitoring data according to §63.1572; and maintaining the daily average combustion zone temperature above the limit established during the performance test. |
| | | ii. The daily average oxygen concentration in the vent stream (percent, dry basis) must not fall below the level established during the performance test. | Collecting the hourly and daily average oxygen concentration monitoring data according to §63.1572; and maintaining the daily average oxygen concentration above the limit established during the performance test. |
| | c. Continuous parameter monitoring systems—boiler or process heater with a design heat input capacity under 44 MW or boiler or process heater in which all vent streams are not introduced into the flame zone. | The daily combustion zone temperature must not fall below the level established in the performance test. | Collecting the average hourly and daily temperature monitoring data according to §63.1572; and maintaining the daily average combustion zone temperature above the limit established during the performance test. |
| d. Continuous parameter monitoring system—flare. | The flare pilot light must be present at all times and the flare must be operating at all times that emissions may be vented to it. | Collecting the flare monitoring data according to §63.1572; and recording for each 1-hour period whether the monitor was continuously operating and the pilot light was continuously present during each 1-hour period. | |