

§ 434.20

Subpart B—Coal Preparation Plants and Coal Preparation Plant Associated Areas

§ 434.20 Applicability.

The provisions of this subpart are applicable to discharges from coal preparation plants and coal preparation plant association areas, as indicated, including discharges which are pumped, siphoned, or drained from the coal preparation plant water circuit and coal storage, refuse storage, and ancillary areas related to the cleaning or beneficiation of coal of any rank including, but not limited to, bituminous, lignite, and anthracite.

§ 434.21 [Reserved]

§ 434.22 Effluent limitation guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30–125.32, 40 CFR 401.17, and §§ 434.61, 434.62 and 434.63 of this part, the following limitations establish the concentration or quality of pollutants which may be discharged by any existing coal preparation plant and coal preparation plant associated areas subject to the provisions of this subpart after application of the best practicable control technology currently available if discharges from such point sources normally exhibit a pH of less than 6.0 prior to treatment:

| BPT EFFLUENT LIMITATIONS | | |
|---------------------------------|-----------------------|---|
| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | | |
| Iron, total | 7.0 | 3.5 |
| Manganese, total | 4.0 | 2.0 |
| TSS | 70 | 35 |
| pH | 1 | 1 |

¹ Within the range of 6.0 to 9.0 at all times.

(b) Except as provided in 40 CFR 125.30–125.32, 40 CFR 401.17 and §§ 434.61 and 434.63 of this part, the following limitations establish the concentration or quality of pollutants which may be discharged by any existing coal preparation plant and coal preparation plant

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associated areas subject to the provisions of this subpart after application of the best practicable control technology currently available if discharges from such point sources normally exhibit a pH equal to or greater than 6.0 prior to treatment:

BPT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
|---------------------------------|-----------------------|---|
| | | |
| Iron, total | 7.0 | 3.5 |
| TSS | 70 | 35 |
| pH | 1 | 1 |

¹ Within the range of 6.0 to 9.0 at all times.

§ 434.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by application of the best available technology economically achievable (BAT).

(a) Except as provided in 40 CFR 125.30–125.32, and §§ 434.61, 434.62 and 434.63 of this part, the following limitations establish the concentration or quality of pollutants which may be discharged by any existing coal preparation plant and coal preparation plant associated areas subject to the provisions of this subpart after application of the best available technology economically achievable if discharges from such point sources normally exhibit a pH of less than 6.0 prior to treatment:

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
|---------------------------------|-----------------------|---|
| | | |
| Iron, total | 7.0 | 3.5 |
| Manganese, total | 4.0 | 2.0 |

(b) Except as provided in 40 CFR 125.30–125.32, and §§ 434.61 and 434.63 of this part, the following limitations establish the concentration or quality of pollutants which may be discharged by any existing coal preparation plant and coal preparation plant associated areas subject to the provisions of this subpart after application of the best available technology economically achievable if discharges from such point

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sources normally exhibit a pH equal to or greater than 6.0 prior to treatment:

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
|---------------------------------|-----------------------|---|
| | | |
| Iron, total | 7.0 | 3.5 |

§ 434.24 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

§ 434.25 New source performance standards (NSPS).

The following new source performance standards (NSPS) shall be achieved by any new source coal preparation plant and coal preparation plant associated areas, as indicated:

(a) Except as provided in 40 CFR 401.17 and §§ 434.61, 434.62 and 434.63 of this part, the following new source performance standards shall apply to discharges from new source coal preparation plants and new source coal preparation plant associated areas, if such discharges normally exhibit a pH of less than 6.0 prior to treatment:

NSPS EFFLUENT LIMITATIONS (MG/L)

| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
|---------------------------------|-----------------------|---|
| | | |
| Iron, total | 6.0 | 3.0 |
| Manganese, total | 4.0 | 2.0 |
| TSS | 70 | 35 |
| pH | (¹) | (¹) |

¹ 6.0–9.0 at all times.

(b) Except as provided in 40 CFR 401.17 and §§ 434.61, 434.62 and 434.63 of this part, the following new source performance standards shall apply to discharges from new source coal preparation plants and new source coal preparation plant associated areas, if such discharges normally exhibit a pH equal to or greater than 6.0 prior to treatment:

NSPS EFFLUENT LIMITATIONS (MG/L)

| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
|---------------------------------|-----------------------|---|
| | | |
| Iron, total | 6.0 | 3.0 |
| TSS | 70 | 35 |
| pH | (¹) | (¹) |

¹ 6.0–9.0 at all times.

Subpart C—Acid or Ferruginous Mine Drainage

§ 434.30 Applicability; description of the acid or ferruginous mine drainage subcategory.

The provisions of this subpart are applicable to acid or ferruginous mine drainage from an active mining area resulting from the mining of coal of any rank including, but not limited to, bituminous, lignite, and anthracite.

§ 434.31 [Reserved]

§ 434.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30–125.32, 40 CFR 401.17, and §§ 434.61, 434.62 and 434.63 of this part, the following limitations establish the concentration or quality of pollutants which may be discharged by a point source subject to the provisions of this subpart after application of the best practicable control technology currently available:

BPT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Average of daily values for 30 consecutive days |
|---------------------------------|-----------------------|---|
| | | |
| Iron, total | 7.0 | 3.5 |
| Manganese, total | 4.0 | 2.0 |
| TSS | 70.0 | 35.0 |
| pH | (¹) | (¹) |

¹ Within the range 6.0 to 9.0 at all times.