

3745-17-12

Additional restrictions on particulate emissions from specific air contaminant sources in Cuyahoga county.

[Comment: For dates and availability of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see paragraph ~~(C)~~ (AA) of rule 3745-17-01 of the Administrative Code titled "referenced materials."]

(A) Compliance with the emission limitations and control requirements specified in this rule shall be achieved in accordance with the time schedules contained in rule 3745-17-04 of the Administrative Code.

(B) [Reserved.]

(C) The "Cuyahoga Materials" (OEPA premise number 1318006023) or any subsequent owner or operator of the "Cuyahoga Materials" facility located at 2929 Rockefeller avenue, Cleveland, Ohio shall comply with all the following:

(1) For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

(2) For the crushed concrete storage piles (OEPA source number F002), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

(3) For the concrete processing operations (OEPA source numbers F003 and F004), the following:

(a) All of the particulate emissions from source F004 shall either be vented to a baghouse or controlled by a wet suppression system.

(b) If a baghouse is employed to control source F004, the total combined particulate emissions from all stacks associated with source F004 shall not exceed 2.4 pounds per hour.

(c) Visible particulate emissions of fugitive dust from source F003, and from source F004 if a wet suppression system is employed, shall not exceed the following:

(i) For the screening and conveying operations subject to permit to install number 13-1430, as issued on September 11, 1985, five per cent opacity as a six-minute average.

(ii) For all other operations, ten per cent capacity as a six-minute average.

- (D) The "Boyas Excavating, ~~Incorporated Inc.~~" (OEPA premise number 1318007300) or any subsequent owner or operator of the "Boyas Excavating, ~~Incorporated Inc.~~" facility located at 2929 Broadway avenue, Cleveland, Ohio shall comply with all the following control requirements for particulate matter from the sand and gravel processing operation (OEPA source number F001):
- (1) All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system.
 - (2) If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 1.2 pounds per hour.
 - (3) If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.
- (E) The "Boyas Excavating, ~~Incorporated Inc.~~" (OEPA premise number 1318578710) or any subsequent owner or operator of the "Boyas Excavating, ~~Incorporated Inc.~~" facility located at 11311 Rockside road, Valley View, Ohio shall not cause or permit any visible particulate emissions, except for a period of time not to exceed three minutes during any sixty-minute observation period, from the unpaved roadways and parking areas (OEPA source number F001).
- (F) The "Cuyahoga Concrete Hummell Rd Plant" (OEPA premise number 1318122676) or any subsequent owner or operator of the facility located at 17251 Hummel road, Brook Park, Ohio shall comply with all the following:
- (1) For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.
 - (2) For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
 - (3) For the cement transfer system associated with the concrete block manufacturing plant (OEPA source number F003), there shall be no visible particulate emissions.
 - (4) For the aggregate handling operation associated with the concrete block manufacturing plant (OEPA source number F003):
 - (a) All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system.

- (b) If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 0.12 pound per hour.
- (c) If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.
- (5) For the wet concrete batching operation (OEPA source number F004), the particulate emissions shall not exceed 0.17 pound per hour.
- (G) ~~[Reserved.]The "Cleveland Trinidad Paving Company" (OEPA premise number 1318001799) or any subsequent owner or operator of the "Cleveland Trinidad Paving Company" facility located at 3601 Trumbull avenue, Cleveland, Ohio shall comply with all the following emission limitations for particulate matter:~~
 - ~~(1) For asphalt plant number 1 (OEPA source number P901), the particulate emissions shall not exceed 26.3 pounds per hour.~~
 - ~~(2) For asphalt plant number 2 (OEPA source number P902), the particulate emissions shall not exceed 9.3 pounds per hour.~~
- (H) ~~[Reserved.]The "Cuyahoga Foundry Company" (OEPA premise number 1318171954) or any subsequent owner or operator of the "Cuyahoga Foundry Company" facility located at 4530 East 71st street, Cuyahoga Heights, Ohio shall not cause or permit the particulate emissions from the casting shakeout operation (OEPA source number F002) to exceed 0.32 pound per hour.~~
- (I) [Reserved.]
- (J) [Reserved.]
- (K) ~~[Reserved.]The "Harval, Incorporated" (OEPA premise number 1318005960) or any subsequent owner or operator of the "Harval, Incorporated" facility located at 1971 Carter road, Cleveland, Ohio shall not cause or permit any visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period, from the unpaved roadways and parking areas (OEPA source number F001):~~
- (L) ~~[Reserved.]The "Independence Excavating Incorporated" (OEPA premise number 1318225730) or any subsequent owner or operator of the "Independence Excavating Incorporated" facility located at 4905 Warner road, Garfield Heights, Ohio shall comply with all the following control requirements for particulate matter from the concrete processing operation (OEPA source number F003):~~

- ~~(1) All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system.~~
 - ~~(2) If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 0.87 pound per hour.~~
 - ~~(3) If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.~~
- (M) The "~~Lake Erie Asphalt Products Company~~Allied Corporation Plant #151" (OEPA premise number 1318220278) or any subsequent owner or operator of the "~~Lake Erie Asphalt Products Company~~Allied Corporation Plant #151" facility located at 8200 Old Granger road, Garfield Heights, Ohio shall comply with all the following emission limitations for particulate matter:
- (1) For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.
 - (2) For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
 - (3) For the asphaltic concrete plant (OEPA source number P901), the particulate emissions shall not exceed 6.0 pounds per hour.
- (N) The "The Lincoln Electric Company" (OEPA premise number 1318202137) or any subsequent owner or operator of the "The Lincoln Electric Company" facility located at 22801 St. Clair Avenue, Cleveland, Ohio shall comply with all the of following:
- (1) [Reserved.]
 - (2) [Reserved.]
 - (3) [Reserved.]
 - (4) For the rotary flux kilns A ~~to~~ and C (OEPA source numbers P902 ~~to~~ and P904), the particulate emissions shall not exceed 2.4 pounds per hour from each kiln.
- (O) The "~~AreclorMittal Cleveland~~Cleveland-Cliffs Cleveland Works LLC" (OEPA premise number 1318001613) or any subsequent owner or operator of the "~~AreclorMittal Cleveland~~Cleveland-Cliffs Cleveland Works LLC" facility located at 3060 Eggers avenue, Cleveland, Ohio shall comply with all the following:

- (1) [Reserved.]
 - (2) [Reserved.]
 - (3) For the hot metal reladling, desulfurization, slag raking, and ladle transfer operations (OEPA source number F209), the total particulate emissions from the baghouse serving this source shall not exceed 21.0 pounds per hour.
 - (4) [Reserved.]
 - (5) [Reserved.]
 - (6) [Reserved.]
 - (7) [Reserved.]
 - (8) [Reserved.]
 - (9) [Reserved.]
 - (10) For the numbers 94 and 95 basic oxygen furnace vessels at the number 2 shop (OEPA source numbers P925 and P926), the total particulate emissions from all of the stacks of the electrostatic precipitator serving such sources shall not exceed 39.8 pounds per hour.
 - (11) [Reserved.]
- (P) The ~~"ArcelorMittal Cleveland"~~"Cleveland-Cliffs Cleveland Works LLC" (OEPA premise number 1318001613) or any subsequent owner or operator of the ~~"ArcelorMittal Cleveland"~~"Cleveland-Cliffs Cleveland Works LLC" facility located at 3060 Eggers avenue, Cleveland, Ohio shall comply with all the following:
- (1) For boilers A to C (OEPA source numbers B001 to B003), the particulate emissions shall not exceed 0.086 pound per million Btu of actual heat input from each boiler.
 - (2) For the paved and unpaved roadways and parking areas - east and west side (OEPA source number F001), visible particulate emissions shall not exceed five per cent opacity, as determined in accordance with paragraph (B)(3) of rule 3745-17-03 of the Administrative Code.
 - (3) [Reserved.]
 - (4) [Reserved.]

- (5) For the stove stacks associated with blast furnaces C-5 and C-6 (OEPA source numbers P903 and P904), the particulate emissions shall not exceed 11.7 pounds per hour from each source.
- (6) For the charging and tapping operations associated with the numbers 1 and 2 basic oxygen furnace vessels at the number 1 shop (OEPA source numbers P905 and P906) and the hot metal desulfurization and hot metal transfer station (OEPA source number F011), the particulate emissions from the stack of the secondary emission control baghouse serving such sources shall not exceed 10.3 pounds per hour.
- (7) [Reserved.]
- (8) [Reserved.]
- (9) [Reserved.]
- (10) For the number 1 and 2 basic oxygen furnace vessels at the number 1 shop (OEPA source numbers P905 and P906), the particulate emissions from the suppressed combustion systems serving these sources shall not exceed 15.0 pounds per hour from each system.
- (11) [Reserved.]
- (12) [Reserved.]
- (13) [Reserved.]
- (Q) [Reserved.]
- (R) ~~[Reserved.] The "Meech Foundry, Incorporated" (OEPA premise number 1318224005) or any subsequent owner or operator of the "Meech Foundry, Incorporated" facility located at 4730 Warner road, Garfield Heights, Ohio shall comply with all the following control requirements for particulate matter and recordkeeping requirements:~~
 - ~~(1) For the cupola furnace (OEPA source number P901), the particulate emissions shall not exceed 10.8 pounds per hour.~~
 - ~~(2) For the inoculation operation associated with the cupola furnace (OEPA source number P901), the operating hours shall not exceed 0.1 hour during any calendar day.~~

- ~~(3) For the iron pouring and cooling operation associated with the cupola furnace (OEPA source number P901), the operating hours shall not exceed 3.0 hours during any calendar day.~~
- ~~(4) Daily records shall be maintained for the operations identified in paragraphs (R)(2) and (R)(3) of this rule to document compliance with the specified hourly operating restrictions.~~
- (S) The "Ohio Aluminum Industries, ~~Incorporated~~ Inc." (OEPA premise number 1318226416) or any subsequent owner or operator of the "Ohio Aluminum Industries; ~~Incorporated~~ Inc." facility located at 4840 Warner road, Garfield Heights, Ohio shall comply with all the following:
- (1) For the sand handling operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.90 pound per hour.
 - (2) For the mold making operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.0055 pound per hour.
 - (3) For the casting shakeout operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.016 pound per hour.
 - (4) For the cleaning and finishing process (OEPA source number P901), the following:
 - (a) The total combined particulate emissions from the control equipment shall not exceed 0.11 pound per hour.
 - (b) There shall be no visible particulate emissions from the cleaning room.
- (T) [Reserved.]
- (U) The "~~Kokosing Materials Plant 519~~" "Kokosing Materials Inc Plant 519" (OEPA premise number 0142000095) or any subsequent owner or operator of the "~~Kokosing Materials Plant 519~~" "Kokosing Materials Inc Plant 519" facility located at 13700 McCracken road, Cleveland, Ohio shall comply with all the following:
- (1) For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

- (2) For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
 - (3) For the asphaltic concrete plant (OEPA source number P901), the particulate emissions shall not exceed 6.0 pounds per hour.
- (V) The "~~Standard Slag Company~~Allega Slag Recovery, Inc." (OEPA premise number 1318002662) or any subsequent owner or operator of the "~~Standard Slag Company~~Allega Slag Recovery, Inc." facility located at Campbell road and Harvard avenue, Cleveland, Ohio shall comply with all the following control requirements for particulate matter:
- (1) For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.
 - (2) For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
 - (3) For the slag storage piles (OEPA source number F002), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
 - (4) For the slag processing operations (OEPA source number F005):
 - (a) All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system.
 - (b) If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 4.9 pounds per hour.
 - (c) If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.
- (W) The "~~Stein, Incorporated Inc.~~" (OEPA premise number 1318003929) or any subsequent owner or operator of the "~~Stein, Incorporated Inc.~~" facility located at 3100 East 45th street, Cleveland, Ohio shall comply with ~~both~~ the following:
- (1) For the slag storage piles (OEPA source number F005), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

(2) For the slag processing operations (OEPA source numbers F006 and F007), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

~~(X) The "Stein, Incorporated" (OEPA premise number 1318005076) or any subsequent owner or operator of the "Stein, Incorporated" facility located at 3341 Jennings road, Cleveland, Ohio shall comply with all the following emission limitations for particulate matter:~~

~~(1) For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.~~

~~(2)~~(3) For the slag unloading operation (OEPA source number ~~F002~~F008), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

~~(3)~~(4) For the slag processing operation (OEPA source number ~~F003~~F009), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

~~(4)~~(5) For the slag storage piles (OEPA source number ~~F004~~F010), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

(X) [Reserved.]

(Y) [Reserved.]

(Z) If any unpaved roadways and parking areas, or portions thereof, identified in paragraphs (C)(1); and (E), ~~(K)~~, ~~and~~ ~~(X)~~(1) of this rule are paved, the paved portions of the roadways and parking areas shall be subject to a limitation of no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

Effective: 8/25/2023

Five Year Review (FYR) Dates: 5/24/2023 and 08/25/2028

CERTIFIED ELECTRONICALLY

Certification

08/15/2023

Date

Promulgated Under: 119.03

Statutory Authority: 3704.03(E)

Rule Amplifies: 3704.03(A), 3704.03(E)

Prior Effective Dates: 06/14/1991, 12/06/1991, 11/15/1995, 01/31/1998,
02/01/2008, 01/20/2018