

ILLINOIS POLLUTION CONTROL BOARD  
March 26, 1975

IN THE MATTER OF )  
PROPOSED AMENDMENTS TO ) R73-8, 10, 17  
CHAPTER 2: AIR POLLUTION REGULATIONS)

ORDER OF THE BOARD (by Mr. Dumelle):

1. Amend Rule 103(i) of Chapter 2: Air Pollution Regulations by adding the following:

(17) all storage tanks of Illinois crude oil with capacity of less than 40,000 gallons located on oil field sites;

(18) all organic material - water single or multiple compartment effluent water separator facilities for Illinois crude oil of vapor pressure of less than 5 pounds per square inch absolute (psia).

2. Amend Rule 205(c)(2)(b) of Chapter 2: Air Pollution Regulations by deletion as follows:

~~(B)--The-location-of-such-tank-is-outside-a-major metropolitan-area~~

3. Amend Rule 206(c) of Chapter 2: Air Pollution Regulations to read as follows:

(c) Petroleum and Petrochemical Processes. (1) No person shall cause or allow the emission of a carbon monoxide waste gas stream into the atmosphere from a petroleum or petrochemical process unless such waste gas stream is burned in a direct flame afterburner or carbon monoxide boiler so that the resulting concentration of carbon monoxide in such waste gas stream is less than or equal to 200 ppm corrected to 50 percent excess air, or such waste gas stream is controlled by other equivalent air pollution control equipment approved by the Agency according to the provisions of Part I of this Chapter.

(2) Notwithstanding paragraph (1) of this Rule 206(c), any existing petroleum or petrochemical process using catalyst regenerators of fluidized catalytic converters equipped for in situ combustion of carbon monoxide, may emit a carbon monoxide waste gas stream into the atmosphere if the carbon monoxide concentration of such waste gas stream is less than or equal to 750 ppm corrected to 50 percent excess air.

(3) Notwithstanding paragraph (1) of this Rule 206(c), any new petroleum or petrochemical process using catalyst regenerators of fluidized catalytic converters equipped for in situ combustion of carbon monoxide, may emit a carbon monoxide waste gas stream into the atmosphere if the carbon monoxide concentration of such waste gas stream is less than or equal to 350 ppm corrected to 50 percent excess air.

4. Amend Rule 204(f)(2) of Chapter 2: Air Pollution Regulations to read as follows:

(2) Sulfuric Acid Mist Standards and Limitations.

- (A) No person shall cause or allow the emission of sulfuric acid mist into the atmosphere from any process emission source to exceed 0.15 pounds of acid mist per ton of acid manufactured.
- (B) With the exception of Rule 205(f)(2)(A) and fuel combustion sources, no person using sulfuric acid shall cause or allow the emission of sulfuric acid and/or sulfur trioxide from any emission source either alone or in combination with the emissions of sulfuric acid and/or sulfur trioxide from all other similar emission sources at a plant or premises to exceed:
  - (i) 0.10 pound in any one hour period for sulfuric acid usage less than 1,300 tons per year (100 percent acid basis);

(ii) 0.50 pound per ton of acid used for sulfuric acid usage greater than or equal to 1,300 tons per year (100 percent acid basis).

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Order was adopted on the 26<sup>th</sup> day of March, 1975 by a vote of 40.

  
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Christan L. Moffett, Clerk  
Illinois Pollution Control Board