

Acme Coke
11236 S. Torrence Ave.
Chicago IL 60617



acmecoke.com

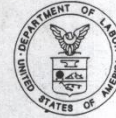
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EPA Communications
Dated: 1993, 1994, 1998

Recovered from site on July 4 2020 and Jan 2 2021

U.S. Department of Labor
Occupational Safety and Health Administration

Inspection Number: 300038080
Inspection Dates: 12/05/97 - 02/13/98
Issuance Date: 02/19/98



Citation and Notification of Penalty

Company Name: ACME STEEL COMPANY
Inspection Site: 10730 SOUTH BURLEY AVENUE, CHICAGO, IL 60617

Citation 1 Item 1 Type of Violation: **Serious**

29 CFR 1910.252(a)(2)(vii): Where practicable, combustible materials were not relocated at least 35 feet (10.7 m) from the cutting or welding operation work site:

- a. On or about December 5, 1997, in the blast furnace maintenance department, several 55 gallons drums of combustible liquids were stored approximately 8 feet away from the area where cutting was taking place, exposing the employees to the hazards associated with fire and explosion.

Date By Which Violation Must be Abated:	03/24/98
Proposed Penalty:	\$ 5000.00

The alleged violations below have been grouped because they involve similar or related hazards that may increase the potential for illness.

Citation 1 Item 2a Type of Violation: **Serious**

29 CFR 1910.252(a)(2)(xiii): The employer did not recognize its responsibility for the safe usage of cutting or welding equipment on its property, in accordance with 29 CFR 1910.252 (a)(2)(xiii)(A) through 29 CFR 1910.252(a)(2)(xiii)(D):

- a. On or about December 5, 1997, employees were required to weld and torch in the facility without a management program to ensure compliance with paragraphs (A) through (D) of this section.

Date By Which Violation Must be Abated:	03/24/98
Proposed Penalty:	\$ 7000.00

See pages 1 through 3 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

U.S. Department of Labor
Occupational Safety and Health Administration

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Citation and Notification of Penalty

Company Name: ACME STEEL COMPANY
Inspection Site: 10730 SOUTH BURLEY AVENUE, CHICAGO, IL 60617

Citation 1 Item 2b Type of Violation: **Serious**

29 CFR 1910.252(a)(2)(xiv): The supervisor did not ensure compliance for paragraphs (A) through (G) of this section.

- a. On or about December 5, 1997, employees were required to weld and/or cut at the site without having a supervisor management program to evaluate the work area and ensure compliance with paragraphs (A) through (G) of this section.

Date By Which Violation Must be Abated: 03/24/98

Citation 1 Item 3 Type of Violation: **Serious**

29 CFR 1910.253(b)(4)(iii): Oxygen cylinders in storage were not separated from fuelgas cylinders or combustible materials (especially oil or grease), a minimum distance of 20 feet (6.1 m) or by a noncombustible barrier at least 5 feet (1.5 m) high having a fire resistance rating of at least one-half hour:

- a. On or about February 2, 1998, in the facility, the compressed gas storage was arranged where the oxygen cylinders were not 20 feet away from other flammable cylinders and a propane storage tank.

Date By Which Violation Must be Abated: Immediately Upon Receipt
Proposed Penalty: \$ 2125.00

for Robert Caldwell

Gary J. Anderson
Area Director

See pages 1 through 3 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director
217/782-2113

2200 Churchill Road, Springfield, IL 62794-9276

cc: J. A. DiMauro
J. Garzella
J. L. Harris
E. P. Weber

OPERATING PERMIT -- NESHAP SOURCE

PERMITTEE

ACME Steel Company
Attn: D.A. Davis, Dir. of Engr.
13500 So. Perry Avenue
Riverdale, IL 60627

Application No.: 83100066

I.D. No.: 031600BFB

Applicant's Designation:

Date Received: January 24, 1994

Subject: Coke By-Products Recovery Plant

Date Issued: March 18, 1994

Expiration Date: April 15, 1995

Location: 11236 South Torrence Avenue, Chicago

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of the coke by-products recovery plant as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This Coke By-Products Recovery Plant contains sources in benzene service subject to National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR 61, Subpart L. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. The Permittee shall comply with 40 CFR 61.132 - Standard: Process vessels, storage tanks, and tar-intercepting sumps, which includes the following:
 - i. Enclose and seal all openings on each process vessel, tar storage tank, and tar-intercepting sump.
 - ii. Duct gases from each process vessel, tar storage tank, and tar-intercepting sump to a control system where the benzene in the gas is recovered or destroyed.
 - iii. Inspect each source (including sealing materials and ductwork) for evidence of visible defects such as gaps or tears on semiannual basis.
- c. The Permittee shall comply with 40 CFR 61.133 - Standard: Light-oil sumps, which includes the following:
 - i. Enclose and seal the liquid surface in the sump to form a closed system to contain the emissions.
 - ii. The venting of steam or other gases from the by-product process to the light-oil sump is not permitted.

- iii. At least semi-annual monitoring of connections and seals on enclosures to determine if operating with no detectable emissions and inspections of each source for evidence of visible defects such as gaps or tears.
- d. The Permittee shall comply with 40 CFR 61.134 - Standard: Naphthalene processing, final coolers, and final-cooler cooling towers, i.e., no (zero) emissions are allowed from these sources (none currently are operating at this plant).
- e. The Permittee shall mark each piece of equipment in benzene service to which subpart L applies in such a manner that it can be readily distinguished from other pieces of equipment in benzene service pursuant to 40 CFR 61.135(c).
- f. The Permittee shall comply with 40 CFR 61.135 - Standard: Equipment leaks. This standard requires equipment in benzene service to comply with 40 CFR 61, Subpart V, except for exhausters which must comply with the requirements specified in 61.135(d) through (h). The requirements of Subpart V are addressed in the following:
 - i. The Permittee shall comply with the applicable design and equipment standards, and marking, inspection, monitoring, tagging, repair and testing requirements in 40 CFR 61.242 or 61.243, and 61.246(b), for the following sources in benzene service, which are not in vacuum service:
 - Pumps (40 CFR 61.242-2)
 - Pressure relief devices in gas/vapor service (40 CFR 61.242-4)
 - Sampling connection systems (40 CFR 61.242-5)
 - Open-ended valves or lines (40 CFR 61.242-6)
 - Valves (40 CFR 61.242-7 or 61.243)
 - Pressure relief devices in liquid service and flanges and other connectors (40 CFR 61.242-8)
 - Closed-vent systems and control devices (40 CFR 61.242-11).
 - ii. If the Permittee chooses to comply with the alternative standards for valves in 40 CFR 61.243, the IEPA shall be notified at least 90 days before implementing such provisions.
 - iii. Delayed repair of leaks is allowed as provided in 40 CFR 61.242-10.
 - iv. At all times the Permittee shall, to the extent practicable, maintain and operate sources in benzene service, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.
 - v. The Permittee shall follow the procedures specified by 40 CFR 61.245 for inspections and compliance tests.

- vi. The permittee shall maintain records as required by 40 CFR 61.246, including:
 - A. Records on the detection, identity, and repair of all leaks (40 CFR 61.246(c))
 - B. Records on the operation of each closed-vent system and control device (40 CFR 61.246(d))
 - C. Records identifying all sources subject to 40 CFR 61.242 (40 CFR 61.246(e)), and
 - D. Other records as are applicable to the operation of the plant.
- vii. These records shall be kept at a readily accessible location at the plant, and shall be available for inspection by the Agency.
- viii. The Permittee shall submit semi-annual reports as required by 40 CFR 61.247(b) including:
 - A. Monthly data on leaks and repairs,
 - B. Dates of process unit shutdowns,
 - C. Revisions to the information submitted in previous reports, and
 - D. Results of performance testing within the reporting period.
- g. This permit is issued based upon the Permittee operating and maintaining a Control System to meet the standards specified in 40 CFR Subpart L. It should be noted that clean coke oven gas is used for gas blanketing and ammonia liquor for the seal pots as pressure relief devices.
 - i. The following shall be conducted on the control system on a semiannual basis and after each time the control system is repressurized:
 - A. Inspect the ductwork for evidence of visible defects such as gaps or tears.
 - B. Monitor the connections and seals to determine if operating with no detectable emissions.
 - ii. A maintenance inspection of the control system shall be conducted on an annual basis for evidence of system abnormalities such as blocked or plugged lines, sticking valves, plugged condensate traps, and other maintenance defects.
 - iii. This control system shall be operated for no detectable emissions, as determined by the methods specified in 40 CFR 61.245(c).
- h. The Permittee shall comply with the following in regard to repair of leaks:
 - i. When a leak is detected it shall be repaired as soon as practicable, but not later than 15 days after it is detected.
 - ii. A first attempt at repair of any leak or visible defect shall be made no later than 5 calendar days after each leak is detected.

- i. The Permittee shall comply with 40 CFR 61.138 - Recordkeeping and reporting requirements, which includes the following:
 - i. The following shall be recorded and maintained for 2 years following each semiannual (and other) inspection and each annual maintenance inspection:
 - A. Date of inspection and name of inspector.
 - B. Brief description of each visible defect in the source or control equipment and the method and date of repair.
 - C. The presence of a leak including date of attempted and actual repair and method of repair.
 - D. Brief description of any system abnormalities found during the annual maintenance inspection, the repairs made, the date of attempted repair, and the date of actual repair.
 - ii. A report shall be submitted semiannually which includes the following:
 - A. Brief description of any visible defect in the affected sources or ductwork.
 - B. Number of leaks detected and repaired, and
 - C. Brief description of any system abnormalities found during each annual maintenance inspection that occurred in the reporting period and the repairs made.
- j. A copy of all required reports and notifications concerning operation, testing, or repairs shall be sent to the following addresses unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
The Intercontinental Center
1701 First Avenue
Maywood, IL 60153

Illinois EPA
Division of Air Pollution Control
Permit Section
2200 Churchill Road, P.O. Box 19276
Springfield, IL 62794-9276

If you have any questions on this, please call Jim Ross at 217/782-2113.

Donald E. Sutton / JRR
Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JRR:ds:48N/sp/17-20

cc: Region 1



CERTIFIED MAIL

Return Receipt
#P 372 521 154

June 24, 1993

Mr. David Holmberg
Environmental Engineer
Acme Steel Co.
13500 S. Perry Ave.
Riverdale, IL 60622-1182

RE: I.D. #031 600 BFB
Chicago Coke Plant

Dear Mr. Holmberg:

This inquiry concerns noncompliance with the requirements of the Illinois Environmental Protection Act (Ill. Rev. Stat., ch. 111 1/2, pars. 1001 et seq) and 35 Ill. Adm. Code - Subtitle B, Chapter 1 - Air Pollution Control Regulations as observed by Cezary Krzymowski on 6/22/93. The apparent violation is as follows:

Section 212.443(c)(1)(A): Fugitive emissions of particulate matter from the pushing operation in excess of the 20% opacity average for three out of four pushes.

Please submit in writing to the undersigned, within fifteen (15) days of receipt of this letter, the reason(s) for the apparent violation outlined above as well as the description of the steps which have been initiated to prevent any further recurrence of the above-cited violation. Failure to respond will be construed as an indication that you do not desire to pursue resolution of the violation.

Further, take notice that noncompliance with the requirement(s) of the Illinois Environmental Protection Act may subject Acme Steel Co. to an enforcement action under the Act and civil penalties of up to \$50,000 for each violation plus \$10,000 for each succeeding day of violation, as well as an order to cease such violation.

Sincerely,

Sy Levine CK
Sy Levine, P.E.
Regional Manager
Division of Air Pollution Control

SL/CK/er/0436E

cc: 708/531-5000
Bennett
D. A. Davis
J. A. DiMauro
J. Garzella
R. W. Hickey
R. J. O'Hearn
E. P. Weber Jr.

*cc: Perry
OSCAR
Honey
MICK
doh
mike*