

Oct-29-99 03:11pm From-INDIANA HARBOR COKE CO

2183874590

T-108 P.01/02 F-850

N. H. S. F. J. T.

Indiana Harbor Coke Company
East Chicago, Indiana
Permit Reviewer: bjs

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CP-089-9236
ID-089-00316

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
FAX NUMBER - 317 233-5967 **8816745**

This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE: IT HAS POTENTIAL TO EMIT 25 LBS/HR PARTICULATES ? 100 LBS/HR VOC ? 100 LBS/HR SULFUR DIOXIDE ? OR 2000 LBS/HR OF ANY OTHER POLLUTANT ? EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # 27 AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF 'MALFUNCTION' AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: Indiana Harbor Coke Company PHONE NO. (219) 397 2180

LOCATION: (CITY AND COUNTY) East Chicago IN Lake County

PERMIT NO. CP 089 9236 AFS PLANT ID: _____ AFS POINT ID: _____ INSP: Dave Samaras

CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: CO ENERGY GAS TURBINES - Periodically lock out causing loss of power and all (6) vent stacks to open

DATE/TIME MALFUNCTION STARTED: 10/29/99 8:00 AM PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: 168 hours

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE: 1 / 19 _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: Unable to determine amount of pollutants at this time

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL SERVICES:

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT:

INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: George Bradley TITLE: Mgr. Safety, Health & Env.
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

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Reason for outage:

Cokerenergy Turbines periodically trip out causing loss of power to all 16 boilers and all vent stacks to open. IN order to identify what causes the malfunction the turbine must be taken out of service. During the outage 6 to 8 boilers will be off line. Also during this time the boilers will be cleaned to allow maximum steam production when they are brought back on line.