

Indiana Department of Labor

Indiana Occupational Safety and Health Administration
402 West Washington St - Room W195
Indianapolis, IN 46204
Phone: (317)232-2691 FAX: (317)233-3790



Safety Order and Notification of Penalty

To:
ArcelorMittal Indiana Harbor
and its successors
3210 Watling Street - Safety Dept.
East Chicago, IN 46312

Inspection Number: 318109477
CSHO ID: I7062
Optional Report No.: 9337
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019

Inspection Site:
3210 Watling Street
East Chicago, IN 46312

The violation(s) described in this Safety Order and Notification of Penalty is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

An inspection of your place of employment has revealed conditions which we believe do not comply with the provisions of the Indiana Occupational Safety and Health Act (Indiana Code Chapter 22-8-1.1) or the standards or rules adopted thereunder. Accordingly, enclosed please find safety order(s) and notification(s) of penalty describing such violation(s) with references to applicable standards, rules, or provisions of the statute and stating the amount of any penalty(ies).

Informal Conference - Please be advised that it may be possible to informally settle any potential dispute without initiating the more elaborate proceedings brought on by a petition for review. Prior to filing a petition for review, you may request an informal conference concerning any of the results of the inspection (safety orders, penalties, abatement dates, etc.) by contacting the Indiana Department of Labor/IOSHA, preferably by telephone, in a prompt manner. Please be advised that a request for an informal conference cannot extend the fifteen working day period for filing a petition for review. Informal conferences frequently resolve any possible disputes, and therefore you are urged to take advantage of this opportunity. Because of the limited time period and in order to facilitate scheduling, any requests for an informal conference should be made promptly upon your receipt of the safety order(s) and notification(s) of penalty.

Right to Contest - You are hereby also notified that you are entitled to seek administrative review of the safety order(s), penalty(ies), or both by filing a written petition for review at the above address postmarked within fifteen working days of your receipt of the safety order(s) and notification(s) of penalty. ("Working days" means Mondays through Fridays, but does not include Saturdays, Sundays, legal holidays under a state statute or days on which the Indiana Department of Labor's offices are closed during regular business hours). If you do not file such a petition for review (contest), the safety order(s) and penalty(ies) shall be deemed final orders of the Board of Safety Review and not subject to review by any court or agency. The issuance of a safety order does not constitute a finding that a violation has

occurred unless no petition for review is filed, or if a petition for review (contest) is filed, it must contain a statement of its basis and should reference the above inspection number. Upon receipt of your petition for review, we will affirm, amend or dismiss the safety order(s) and notification(s) of penalty. If we affirm, your petition for review will be granted (unless it was not timely) and the dispute will be certified by the Board of Safety Review for further proceedings. The Board of Safety Review is an independent agency appointed by the governor with authority to conduct hearings and to issue decisions concerning disputed safety order(s) and notification(s) of penalty. If we amend the safety order(s) or notification(s) of penalty, your petition for review shall be deemed moot. However, you will then be given an opportunity to file a petition for review concerning the amended safety order(s) and notification(s) of penalty.

Please be advised that an employee or representative of employees may file a petition for review to contest the reasonableness of the time stated in the safety order(s) for the abatement of any violation.

Posting - Upon receipt of any safety order(s) you are required to post such safety order(s), or a copy thereof, unedited, at or near each place an alleged violation referred to in the safety order(s) occurred. However, if your operations are such that it is not practicable to post the safety order(s) at or near each place of alleged violation, such safety order(s) shall be posted, unedited, in a prominent place where it will be readily observable by all affected employees. For example, if you are engaged in activities which are physically dispersed, the safety order(s) may be posted at the location from which the employees operate to carry out their activities. You must take steps to ensure that the safety order is not altered, defaced, or covered by other material. Posting shall be until the violation is abated, or for three working days, whichever is longer.

Penalties - Penalties are due within fifteen (15) working days of receipt of this notification unless contested. Abatement does not constitute payment of penalties.

Abatement - The conditions cited in the safety order(s) must be corrected (abated) on or before the date shown for each item on the safety order(s) and notification(s) of penalty and proof of abatement must be sent to the email address: AbatementGI@dol.in.gov unless:

(1) You file a petition for review concerning the violation, in which case the full abatement period shall commence from the issuance of a final decision by the Board of Safety Review or the courts which requires compliance with the safety order; or

(2) The abatement period is extended by the granting of a petition for modification of abatement date.

PMAs - The petition for modification of abatement date is a manner in which you may seek additional time to correct (abate) a violation without having to file a petition for review concerning the safety order, or after the expiration of the time period to file such a petition for review when it becomes apparent that you need extra time to abate the violation. A petition for modification of abatement date shall be in writing and shall be sent to the email address: AbatementGI@dol.in.gov shall include the following information:

(1) All steps you have taken, and the dates of such actions, in an effort to achieve compliance during the prescribed abatement period.

(2) The specific additional abatement time necessary in order to achieve compliance.

(3) The reasons such additional time is necessary, including the unavailability of professional or technical personnel or of materials and equipment, or because necessary construction or alteration of facilities cannot be completed by the original abatement date.

(4) All available interim steps being taken to safeguard employees against the cited hazard during the abatement period.

(5) A certification that a copy of the petition has been posted, and if appropriate, served on the authorized representative of affected employees, and a certification of the date upon which such posting and service was made.

A petition for modification of abatement date shall be filed with the Indiana Department of Labor/IOSHA no later than the close of the next working day following the date on which abatement was originally required sending the Petition to AbatementGI@dol.in.gov. A later-filed petition shall be accompanied by the employer's statement of exceptional circumstances explaining the delay. A copy of such petition shall be posted in a conspicuous place where all affected employees will have notice thereof or near such location where the violation occurred. The petition shall remain posted until the time period for the filing of a petition for review of the Commissioner's granting or denying the petition expires. Where affected employees are represented by an authorized representative, said representative shall be served a copy of such petition.

Notification of Corrective Action - Correction of the alleged violations which have an abatement period of thirty (30) days or less should be reported in writing to us promptly upon correction and sent to the email address AbatementGI@dol.in.gov. A "Letter of Abatement" form and an "Abatement Photographs" worksheet are enclosed for your assistance in providing adequate documentation of abatement. Reports of corrections should show specific corrective action on each alleged violation and the date of such action. On alleged violations with abatement periods of more than thirty (30) days, a written progress report should be submitted via email at AbatementGI@dol.in.gov, detailing what has been done, what remains to be done, and the time needed to fully abate each such violation. When the alleged violation is fully abated, we should be so advised. Timely correction of an alleged violation does not affect the initial proposed penalty..

Followup Inspections - Please be advised that a followup inspection may be made for the purpose of ascertaining that you have posted the safety order(s) and corrected the alleged violations. Failure to correct an alleged violation may result in additional penalties for each day that the violation has not been corrected.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the Indiana Department of Labor/IOSHA at the address shown above.

Notice to Employees - The law gives an employee or his/her representative the opportunity to object to any abatement date set for a violation if he/she believes the date to be unreasonable. The contest must be mailed to the Indiana Department of Labor/IOSHA at the address shown above within fifteen (15) working days (excluding weekends and State holidays) or receipt by the employer of this safety order and

penalty.

If you wish additional information, you may direct such requests to us at the address or telephone number stated above.

NOTICE TO EMPLOYEES OF INFORMAL CONFERENCE

An informal conference has been scheduled with IOSHA to discuss the safety order(s) issued on 6/4/2019. The conference will be held at the IOSHA office located at 402 West Washington Street, Room W195, Indianapolis, IN 46204 on _____ at _____. Employees and/or representatives of employees have a right to attend an informal conference.

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

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

Safety Order 01 Item 001a Type of Violation: **Serious**

29 CFR 1910.1025(c)(1): Employee(s) were exposed to lead at concentrations greater than fifty micrograms per cubic meter of air averaged over an eight-hour period:

Main Stack Baghouse - A baghouse operator was exposed to lead dust in an 8-hour time-weighted average (TWA) of 1036 $\mu\text{g}/\text{m}^3$; approximately 20 times the permissible exposure limit of 50 $\mu\text{g}/\text{m}^3$. The exposure was derived from a 349 minute sampling period on April 29, 2019. Zero exposure was assumed for the 131 minutes not sampled.

Date By Which Violation Must Be Abated: **9/5/2019**
Proposed Penalty: **\$5,000.00**

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

Safety Order 01 Item 001b Type of Violation: **Serious**

29 CFR 1910.1025(e)(1)(i): For any employees exposed to lead above the permissible exposure limit for more than 30 days per year where engineering and work practice controls (including administrative controls) were feasible but did not reduce the employees' exposure to or below the permissible exposure limit the employer did not use engineering and/or work practice controls to reduce exposures to the lowest feasible level:

Main Stack Baghouse - A baghouse operator was exposed to lead dust in an 8-hour time-weighted average (TWA) of 1036 $\mu\text{g}/\text{m}^3$; approximately 20 times the permissible exposure limit of 50 $\mu\text{g}/\text{m}^3$. The exposure was derived from a 349 minute sampling period on April 29, 2019. Zero exposure was assumed for the 131 minutes not sampled. Engineering controls were not effective when equipment such as, but not limited to screw conveyors and spouts on chambers, were not maintained.

Abatement Schedule

STEP 1- A written detailed plan of abatement shall be submitted to the Director outlining a schedule for the implementation of engineering and/or administrative measures to control employee exposures to hazardous substances as referenced in this Safety Order. This plan shall include, at a minimum, target dates for the following actions which must be consistent with the abatement dates required by this Safety Order:

- (1) Evaluation of engineering/administrative control options;
- (2) Selection of optimum control methods and completion of design;
- (3) Procurement, installation and operation of selected control measures;

(4) Testing and acceptance or modification/redesign of controls.

All proposed control measures shall be approved for each particular use by a competent industrial hygienist or other technically qualified person. 30-day progress reports are required during the abatement period.

Date By Which STEP 2 Must be Abated **7/5/2019**

STEP 2- Abatement shall have been completed by the implementation of feasible engineering and/or administrative controls upon verification of their effectiveness in achieving compliance.

Date By Which STEP 3 Must be Abated **9/5/2019**

Date By Which Violation Must Be Abated: **9/5/2019**
Proposed Penalty: **\$0.00**

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

Safety Order 01 Item 001c Type of Violation: **Serious**

29 CFR 1910.1025(g)(2)(v): Contaminated protective clothing to be cleaned, laundered, or disposed of, was not placed in a closed container to prevent dispersion of lead outside the container:

Behind Main Stack baghouse - Employees were potentially exposed to lead in nonregulated areas when employees disposed of refuse in an uncovered steel box which contained white tyvek suits which were used as personal protective equipment in lead regulated areas.

Date By Which Violation Must Be Abated: **7/8/2019**
Proposed Penalty: **\$0.00**

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

Safety Order 01 Item 001d Type of Violation: **Serious**

29 CFR 1910.1025(g)(2)(vii)[A]: The employer did not ensure that labels of bags or containers of contaminated protective clothing and equipment include the following information: **DANGER: CLOTHING AND EQUIPMENT CONTAMINATED WITH LEAD. MAY DAMAGE FERTILITY OR THE UNBORN CHILD. CAUSES DAMAGE TO THE CENTRAL NERVOUS SYSTEM. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING. DO NOT REMOVE DUST BY BLOWING OR SHAKING. DISPOSE OF LEAD CONTAMINATED WASH WATER IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, OR FEDERAL REGULATIONS:**

Behind Main Stack Baghouse - Tyvek suits used as personal protective equipment in the lead regulated area were disposed of in a steel box that was not labeled to identify the personal protective equipment as lead contaminated.

Date By Which Violation Must Be Abated: **7/8/2019**
Proposed Penalty: **\$0.00**

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

Safety Order 01 Item 002b Type of Violation: **Serious**

29 CFR 1910.1027(f)(1)(i): The employer did not implement engineering and work practice controls to reduce and maintain employee exposure to cadmium at or below the permissible exposure limit (PEL):

Main Stack Baghouse - A baghouse operator was exposed to cadmium dust in an 8-hour time-weighted average (TWA) of 72.8 $\mu\text{g}/\text{m}^3$; approximately 14 times the permissible exposure limit of 5 $\mu\text{g}/\text{m}^3$. The exposure was derived from a 349 minute sampling period on April 29, 2019. Zero exposure was assumed for the 131 minutes not sampled. Engineering controls were not effective when equipment such as, but not limited to screw conveyors and spouts on chambers, were not maintained.

Abatement Schedule

STEP 1- A written detailed plan of abatement shall be submitted to the Director outlining a schedule for the implementation of engineering and/or administrative measures to control employee exposures to hazardous substances as referenced in this Safety Order. This plan shall include, at a minimum, target dates for the following actions which must be consistent with the abatement dates required by this Safety Order:

- (1) Evaluation of engineering/administrative control options;
- (2) Selection of optimum control methods and completion of design;
- (3) Procurement, installation and operation of selected control measures;
- (4) Testing and acceptance or modification/redesign of controls.

All proposed control measures shall be approved for each particular use by a competent industrial hygienist or other technically qualified person. 30-day progress reports are required during the abatement period.

Date By Which STEP 2 Must be Abated **7/5/2019**

STEP 2- Abatement shall have been completed by the implementation of feasible engineering and/or administrative controls upon verification of their effectiveness in achieving compliance.

Date By Which STEP 3 Must be Abated **9/5/2019**

Date By Which Violation Must Be Abated: **9/5/2019**
Proposed Penalty: **\$0.00**

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

Safety Order 01 Item 002c Type of Violation: **Serious**

29 CFR 1910.1027(i)(2)(iii): The employer did not ensure that cadmium-contaminated protective clothing and equipment, when removed for laundering, cleaning, maintenance, or disposal, were placed and stored in sealed, impermeable bags or other closed, impermeable containers that are designed to prevent dispersion of cadmium dust:

Behind Main Stack Baghouse - Employees were potentially exposed to cadmium in nonregulated areas when employees disposed of refuse in an uncovered steel box which contained white tyvek suits which were used as personal protective equipment in cadmium regulated areas.

Date By Which Violation Must Be Abated: **7/8/2019**
Proposed Penalty: **\$0.00**

Indiana Department of Labor
Occupational Safety and Health Administration

Inspection Number: 318109477
Inspection Date(s): 3/26/2019 - 4/30/2019
Issuance Date: 6/4/2019
CSHO ID: I7062
Optional Report No.: 9337

Safety Order and Notification of Penalty

Company Name: ArcelorMittal Indiana Harbor
Inspection Site: 3210 Watling Street, East Chicago, IN 46312

Safety Order 01 Item 002d Type of Violation: **Serious**

1910.1027(m)(3)(ii): The warning labels for containers of contaminated protective clothing, equipment, waste, scrap, or debris did not include at least the following information: DANGER. CONTAINS CADMIUM. MAY CAUSE CANCER. CAUSES DAMAGE TO LUNGS AND KIDNEYS. AVOID CREATING DUST.

Behind Main Stack Baghouse - Tyvek suits used as personal protective equipment in the cadmium regulated area were disposed of in a steel box that was not labeled to identify the personal protective equipment as cadmium contaminated.

Date By Which Violation Must Be Abated: **7/8/2019**
Proposed Penalty: **\$0.00**

Julie C. Alexander, JD
Director of General Industry

Indiana Department of Labor

Indiana Occupational Safety and Health Administration
402 West Washington St - Room W195
Indianapolis, IN 46204
Phone: (317)232-2691 FAX: (317)233-3790



INVOICE/DEBT COLLECTION NOTICE

Company Name: ArcelorMittal Indiana Harbor
and its successors
Inspection Site: 3210 Watling Street, East Chicago, IN 46312
Issuance Date: 6/4/2019

Summary of Penalties for Inspection Number: 318109477

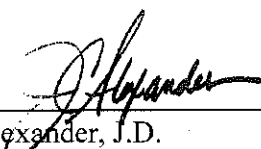
Safety Order 1, Serious	= \$10,000.00
TOTAL PENALTIES	= \$10,000.00

Penalties are due within fifteen (15) working days of receipt of this notification unless contested. Make your check or money order payable to: "Indiana DOL/IOSHA". Please indicate IOSHA's Inspection Number (indicated above) on the remittance. You may also make a payment online at <https://payingov.com/dol/>. Your account number is your inspection number.

IOSHA does not agree to any restrictions or conditions or endorsements put on any check or money order for less than full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

Corrective action, taken by you for each alleged violation should be submitted to this office on or about the abatement dates indicated on the Safety Order and Notification of Penalty.

A work sheet has been provided to assist in providing the required abatement information. A completed copy of this work sheet should be posted at the worksite with the safety order(s).



Julie C. Alexander, J.D.
Director of General Industry



Date