

U.S. Department of Labor
Occupational Safety and Health Administration
200 N. High Street
Room 620
Columbus, OH 43215



Citation and Notification of Penalty

To:
Globe Metallurgical, Inc.
and its successors
P.O. Box 157
Beverly, OH 45715

Inspection Number: 1607955
Inspection Date(s): 07/14/2022 - 12/15/2022
Issuance Date: 01/06/2023

Inspection Site:
1595 Sparling Road
Waterford, OH 45786

7021 2720 0001 5906 5861

The violation(s) described in this Citation 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.

This Citation and Notification of Penalty (this Citation) describes violations of the Occupational Safety and Health Act of 1970. The penalty(ies) listed herein is (are) based on these violations. You must abate the violations referred to in this Citation by the dates listed and pay the penalties proposed, unless within 15 working days (excluding weekends and Federal holidays) from your receipt of this Citation and Notification of Penalty **you either call to schedule an informal conference (see paragraph below) or** you mail a notice of contest to the U.S. Department of Labor Area Office at the address shown above. Please refer to the enclosed booklet (OSHA 3000) which outlines your rights and responsibilities and which should be read in conjunction with this form. Issuance of this Citation does not constitute a finding that a violation of the Act has occurred unless there is a failure to contest as provided for in the Act or, if contested, unless this Citation is affirmed by the Review Commission or a court.

Posting - The law requires that a copy of this Citation and Notification of Penalty be posted immediately in a prominent place at or near the location of the violation(s) cited herein, or, if it is not practicable because of the nature of the employer's operations, where it will be readily observable by all affected employees. This Citation must remain posted until the violation(s) cited herein has (have) been abated, or for 3 working days (excluding weekends and Federal holidays), whichever is longer.

Informal Conference - An informal conference is not required. However, if you wish to have such a conference you may request one with the Area Director during the 15 working day contest period by calling (614) 469-5582. During such an informal conference, you may present any evidence or views which you believe would support an adjustment to the citation(s) and/or penalty(ies).

If you are considering a request for an informal conference to discuss any issues related to this Citation and Notification of Penalty, you must take care to schedule it early enough to allow time to contest after the informal conference, should you decide to do so. Please keep in mind that a written letter of intent to contest must be submitted to the Area Director within 15 working days of your receipt of this Citation. The running of this contest period is not interrupted by an informal conference.

If you decide to request an informal conference, please complete, remove and post the Notice to Employees next to this Citation and Notification of Penalty as soon as the time, date, and place of the informal conference have been determined. Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far. If conditions warrant, we can enter into an informal settlement agreement which amicably resolves this matter without litigation or contest.

Right to Contest – You have the right to contest this Citation and Notification of Penalty. You may contest all citation items or only individual items. You may also contest proposed penalties and/or abatement dates without contesting the underlying violations. **Unless you inform the Area Director in writing that you intend to contest the citation(s) and/or proposed penalty(ies) within 15 working days after receipt, the citation(s) and the proposed penalty(ies) will become a final order of the Occupational Safety and Health Review Commission and may not be reviewed by any court or agency.**

Penalty Payment – Penalties are due within 15 working days of receipt of this notification unless contested. (See the enclosed booklet and the additional information provided related to the Debt Collection Act of 1982.) Make your check or money order payable to “DOL-OSHA”. Please indicate the Inspection Number on the remittance. You can also make your payment electronically at www.pay.gov. At the top of the [pay.gov](http://www.pay.gov) homepage, type "OSHA" in the Search field and select Search. From **OSHA Penalty Payment Form** search result, select Continue. The direct link is:

<https://www.pay.gov/paygov/forms/formInstance.html?agencyFormId=53090334>

You will be required to enter your inspection number when making the payment. Payments can be made by credit card or Automated Clearing House (ACH) using your banking information. Payments of \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

Notification of Corrective Action – For each violation which you do not contest, you must provide *abatement certification* to the Area Director of the OSHA office issuing the citation and identified above. This abatement certification is to be provided by letter within 10 calendar days after each abatement date. Abatement certification includes the date and method of abatement. If the citation indicates that the violation was corrected during the inspection, no abatement certification is required for that item. The abatement certification letter must be posted at the location where the violation appeared and the corrective action took place or employees must otherwise be effectively informed about abatement activities. A sample abatement certification letter is enclosed with this Citation. In addition, where the citation indicates that *abatement documentation* is necessary, evidence of the purchase or repair of equipment, photographs or video, receipts, training records, etc., verifying that abatement has occurred is required to be provided to the Area Director.

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 U.S. Department of Labor Area Office at the address shown above.

Employer Rights and Responsibilities – The enclosed booklet (OSHA 3000) outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

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 U.S. Department of Labor Area Office at the address shown above and postmarked within 15 working days (excluding weekends and Federal holidays) of the receipt by the employer of this Citation and Notification of Penalty.

Inspection Activity Data – You should be aware that OSHA publishes information on its inspection and citation activity on the Internet under the provisions of the Electronic Freedom of Information Act. The information related to these alleged violations will be posted when our system indicates that you have received this citation. You are encouraged to review the information concerning your establishment at www.osha.gov. If you have any dispute with the accuracy of the information displayed, please contact this office.



NOTICE TO EMPLOYEES OF INFORMAL CONFERENCE

An informal conference has been scheduled with OSHA to discuss the citation(s) issued on 01/06/2023. The conference will be held by telephone or at the OSHA office located at 200 N. High Street, Room 620, Columbus, OH 43215 on _____ at _____.

_____. Employees and/or representatives of employees have a right to attend an informal conference.

CERTIFICATION OF CORRECTIVE ACTION WORKSHEET

Inspection Number: 1607955

Company Name: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786
Issuance Date: 01/06/2023

List the specific method of correction for each item on this citation in this package that does not read "Corrected During Inspection" and return to: **U.S. Department of Labor – Occupational Safety and Health Administration, 200 N. High Street, Room 620, Columbus, OH 43215.**

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

I certify that the information contained in this document is accurate and that the affected employees and their representatives have been informed of the abatement.

Signature

Date

Typed or Printed Name

Title

NOTE: 29 USC 666(g) whoever knowingly makes any false statements, representation or certification in any application, record, plan or other documents filed or required to be maintained pursuant to the Act shall, upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment of not more than 6 months or both.

POSTING: A copy of completed Corrective Action Worksheet should be posted for employee review



Citation and Notification of Penalty

Company Name: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786

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

OSH ACT of 1970 Section (5)(a)(1): The employer did not furnish employment and a place of employment which was free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that employees were exposed to burn and explosion hazards:

a. On or about July 10, 2022, located at Globe Metallurgical, Inc., in Waterford, Ohio, the employer did not ensure employees were protected from runouts and spills of approximately 8,000 pounds of molten material with the use of runout pits, curbs, and/or procedures. Exposing employees to burn and/or explosion hazards.

Among other methods, feasible and acceptable means of abatement would be to follow the guidance in ASTM E2349-19 Safety Practice for Safety Requirements In Metal Casting Operations: Sand Preparation, Molding, and Core Making; Melting and Pouring; and Cleaning and Finishing:

Chapter 9 - Melting and Pouring: Section 9.3 Electric Furnaces - Direct Arc Furnaces:

9.3.11 Runout Pits, Curb Procedures - Means such as runout pits, curbs, or procedures, or a combination of the three shall be provided to guard personnel from molten metal in the event of a runout or spill.

9.3.12 Runout Pit Construction-The primary purpose of the runout pit is to prevent molten runout metal from coming in contact with personnel in the area or personnel leaving the area. The pit floor and walls must be dry, thermally stable material (not construction-grade concrete) to preclude secondary eruption when molten metal contacts the pit surfaces. The secondary purpose of the pit is to protect the furnace or other molten metal melting or holding device, ancillary equipment, and building. The pit shall have the capacity to retain at least one full furnace charge. Runout pits shall be kept free of debris and inspected on a regular, at least daily basis to verify the above conditions.

9.3.13 Liquids in Runout areas - unless designed to accommodate liquids, areas provided to receive runouts or spills shall be kept dry and free of accumulation of water.

See pages 1 through 4 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: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786

9.3.14 Personnel in Runout Pits - Access to runout pits shall be controlled. No person shall be in or enter a pit during charging, pouring, tapping, or slagging operations in that pit area.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated: January 26, 2023
Proposed Penalty: \$14,502.00

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786

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

29 CFR 1910.132(a): Application. Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers, shall be provided, used, and maintained in a sanitary and reliable condition wherever it is necessary by reason of hazards of processes or environment, chemical hazards, radiological hazards, or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any part of the body through absorption, inhalation or physical contact:

a. On or about July 10, 2022, located in Shop #2, at Furnace #5, employees were exposed to molten materials while responding to a ladle burn through incident to contain the spill and break-up/handle the semi-cooled material. The employer did not ensure that employees utilized protective clothing such as, but not limited to, neck caps, aluminized clothing (jackets/gloves), and face shields to protect from burns.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:	January 26, 2023
Proposed Penalty:	\$14,502.00

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786

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

29 CFR 1910.132(f)(1): The employer shall provide training to each employee who is required by this section to use PPE. Each such employee shall be trained to know at least the following, as required by 29 CFR 1910.132 (f)(1)(i) through (f)(1)(v):

a. On or about July 10, 2022, located in Shop #2 at, Furnace #5, employees were exposed to molten materials while responding to a ladle burn through incident to contain the spill and break-up/handle the semi-cooled material. The employer did not ensure that employees were trained to use protective clothing such as, but not limited to, neck caps, aluminized clothing (jackets/gloves), and face shields to protect from burns in accordance with the 1910.132(f)(1)(i)(v) requirements.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:	January 26, 2023
Proposed Penalty:	\$14,502.00

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



Citation and Notification of Penalty

Company Name: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786

Citation 2 Item 1 Type of Violation: **Willful - Serious**

OSH ACT of 1970 Section (5)(a)(1): The employer did not furnish employment and a place of employment which was free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that employees were exposed to burn and explosion hazards:

a. On or about July 10, 2022, located at Globe Metallurgical, Inc., in Waterford, Ohio, employees sprayed water directly onto spilled molten material. The employer did not prevent molten material from contacting water, exposing employees to burn and explosion hazards.

On July 10, 2022, at Shop #2, Furnace #5/Ladle #7, a burn through event occurred resulting in approximately 8,000 pounds of molten material to spill onto the floor. While breaking up the material with a forklift, an explosion occurred from the molten material contacting water resulting in an employee receiving serious burn injuries.

Among other methods, feasible and acceptable means of abatement would be to follow the guidance in ASTM E2349-19 Safety Practice for Safety Requirements In Metal Casting Operations: Sand Preparation, Molding, and Core Making; Melting and Pouring; and Cleaning and Finishing:

Chapter 9 - Melting and Pouring: Section 9.3 Electric Furnaces - Direct Arc Furnaces: 9.3.13 Liquids in Runout areas - unless designed to accommodate liquids, areas provided to receive runouts or spills shall be kept dry and free of accumulation of water.

Additionally, among other methods, feasible and acceptable means of abatement would be to establish, document and enforce policies and procedures for spill response that includes the prevention of the use of water on or near molten material, and policies and procedures for the safe cleanup/handling of spilled material.

Utilize infrared thermal imaging devices to ensure spilled material has reached a safe temperature prior to performing cleanup activities.

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

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ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated: January 26, 2023
Proposed Penalty: \$145,027.00

A handwritten signature in blue ink, appearing to read "Larry M. Johnson".

Larry M. Johnson
Area Director

See pages 1 through 4 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
200 N. High Street
Room 620
Columbus, OH 43215



**INVOICE /
DEBT COLLECTION NOTICE**

Company Name: Globe Metallurgical, Inc.
Inspection Site: 1595 Sparling Road, Waterford, OH 45786
Issuance Date: 01/06/2023

Summary of Penalties for Inspection Number: 1607955

Citation 1 Item 1, Serious	\$14,502.00
Citation 1 Item 2, Serious	\$14,502.00
Citation 1 Item 3, Serious	\$14,502.00
Citation 2 Item 1, Willful - Serious	\$145,027.00

TOTAL PROPOSED PENALTIES: **\$188,533.00**

To avoid additional charges, please remit payment promptly to this Area Office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: "DOL-OSHA". Please indicate OSHA's Inspection Number (indicated above) on the remittance. You can also make your payment electronically at www.pay.gov. At the top of the pay.gov homepage, type "OSHA" in the Search field and select Search. From the **OSHA Penalty Payment Form** search result, select Continue. The direct link is: <https://www.pay.gov/paygov/forms/formInstance.html?agencyFormId=53090334>. You will be required to enter your inspection number when making the payment. Payments can be made by credit card or Automated Clearing House (ACH) using your banking information. Payments of \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

If a personal check is issued, it will be converted into an electronic fund transfer (EFT). This means that our bank will copy your check and use the account information on it to electronically debit your account for the amount of the check. The debit from your account will then usually occur within 24 hours and will be shown on your regular account statement. You will not receive your original check back. The bank will destroy your original check, but will keep a copy of it. If the EFT cannot be completed because of insufficient funds or closed account, the bank will attempt to make the transfer up to two times.

Pursuant to the Debt Collection Act of 1982 (Public Law 97-365) and regulations of the U.S. Department of Labor (29 CFR Part 20), the Occupational Safety and Health Administration is required to assess interest, delinquent charges, and administrative costs for the collection of delinquent penalty debts for violations of the Occupational Safety and Health Act.

Interest: Interest charges will be assessed at an annual rate determined by the Secretary of the Treasury on all penalty debt amounts not paid within one month (30 calendar days) of the date on which the debt amount becomes due and payable (penalty due date). The current interest rate is one percent (1%). Interest will accrue from the date on which the penalty amounts (as proposed or adjusted) become a final order of the Occupational Safety and Health Review Commission (that is, 15 working days from your receipt of the Citation and Notification of Penalty), unless you file a notice of contest. Interest charges will be waived if the full amount owed is paid within 30 calendar days of the final order.

Delinquent Charges: A debt is considered delinquent if it has not been paid within one month (30 calendar days) of the penalty due date or if a satisfactory payment arrangement has not been made. If the debt remains delinquent for more than 90 calendar days, a delinquent charge of six percent (6%) per annum will be assessed accruing from the date that the debt became delinquent.

Administrative Costs: Agencies of the Department of Labor are required to assess additional charges for the recovery of delinquent debts. These additional charges are administrative costs incurred by the Agency in its attempt to collect an unpaid debt. Administrative costs will be assessed for demand letters sent in an attempt to collect the unpaid debt.



Larry M. Johnson
Area Director

06 January 2023

Date