

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
6393 Oak Tree Blvd  
Suite 203  
Independence, OH 44131  
Phone: 216-447-4194 Fax: 216-520-1624



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## Citation and Notification of Penalty

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**To:**  
REPUBLIC STEEL  
2633 8TH ST. NE  
Canton, OH 44704

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014

**Inspection Site:**  
2633 8TH ST. NE  
Canton, OH 44704

*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.*

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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. 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 on [www.pay.gov](http://www.pay.gov). On the left side of the pay.gov homepage, you will see an option to Search Public Forms. Type “OSHA” and click Go. From the results, click on **OSHA Penalty Payment Form**. 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 \$50,000 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](http://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 03/31/2014. The conference will be held by telephone or at the OSHA office located at 6393 Oak Tree Blvd, Suite 203, Independence, OH 44131 on \_\_\_\_\_ at

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

**CERTIFICATION OF CORRECTIVE ACTION WORKSHEET**

**Inspection Number: 942971**

Company Name: REPUBLIC STEEL  
Inspection Site: 2633 8TH ST. NE, Canton, OH 44704  
Issuance Date: 03/31/2014

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, 6393 Oak Tree Blvd, Suite 203, Independence, OH 44131**

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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

29 CFR 1910.23(c)(3): Regardless of height, open-sided floors, walkways, platforms, or runways above or adjacent to dangerous equipment, pickling or galvanizing tanks, degreasing units, and similar hazards were not guarded with a standard railing and toe board:

On October 21, 2013, at Melt Shop #4 on the west side of furnace #7, there was a removable platform near the slag door of the furnace. The platform was 20 inches high by 4 feet wide and 15 feet long. The floor area around the base of the platform had floor openings and mounded slag. The platform did not have a standard guard railing system.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/18/2014
Proposed Penalty:	\$4400.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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

29 CFR 1910.23(d)(1): Every flight of stairs having four or more risers were not equipped with standard stair railings or standard handrails as specified in paragraphs (d)(1)(i) through (v) of this section, the width of the stair to be measured clear of all obstructions except handrails:

- a) On October 3, 2013, the Steel Conditioning #5 billet grinder transfer car had four stair steps without handrails.
- b) On November 7, 2013, the CBCF cast floor had a staircase for access and egress to the tundish dump box that had four steps without handrails.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/08/2014  
Proposed Penalty: \$4400.00

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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

29 CFR 1910.24(b): Fixed stairs were not provided for access from one structure level to another where operations necessitated regular travel between levels, and for access to operating platforms at any equipment which requires attention routinely during operations:

On October 21, 2013, at the west side of the furnace #7 in Melt Shop #4, there was a moveable rigid platform in use that was 20 inches above the work floor and did not have a stair tread. Employees were stepping on and off of the platform with tools and equipment in their hands.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$4400.00

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

**Inspection Number:** 942971  
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**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 4** Type of Violation: **Serious**

29 CFR 1910.24(i): Vertical clearance above any stair tread to an overhead obstruction was not at least 7 feet measured from the leading edge of the tread:

On October 2, 2013, the stairway access to the descender basement at the blooming mill had a stair tread that measured 64 inches below an overhead horizontal pipe obstruction.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/08/2014</b>
<b>Proposed Penalty:</b>	<b>\$4400.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 5** Type of Violation: **Serious**

29 CFR 1910.37(a)(4): Safeguard(s) designed to protect employees during an emergency (e.g., sprinkler systems, alarm systems, fire doors, exit lighting), were not in proper working order at all times:

On October 2, 2013, the following emergency exit lighting was not operational.

- a) Melt Shop #4, furnace #9, both exit doorways of the operators pulpit.
- b) Refining/Casting Department, north exit door of the operators pulpit.
- c) Elevated walkway between the Melt Shop and refining had two separate emergency lighting fixtures damaged.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$5500.00

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

**Inspection Number:** 942971  
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**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 6** Type of Violation: **Serious**

29 CFR 1910.157(c)(4): Portable fire extinguishers were not kept in their designated places at all times except during use:

- a) On October 2, 2013, the refining/casting operators pulpit was missing the portable fire extinguisher at its designated place.
- b) On November 5, 2013, the Melt Shop #4 overhead molten metal handling crane #422 did not have a portable fire extinguisher in the designated holder in the crane cab.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/04/2014
Proposed Penalty:	\$5500.00

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

**Inspection Number:** 942971  
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**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 7** Type of Violation: **Serious**

29 CFR 1910.178(q)(1): Any power-operated industrial truck not in safe operating condition was not taken out of service, and/or repairs were not made by authorized personnel:

- a) On October 2, 2013, the Martin forklift H45 had a cracked window on the driver side door.
- b) On October 23, 2013, the Cat forklift #4120 had a cracked window on the side door.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/04/2014
Proposed Penalty:	\$4400.00

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**

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

**Citation 1 Item 9 a** Type of Violation: **Serious**

29 CFR 1910.179(m)(1): A thorough inspection of all ropes were not being made at least once a month:

On or about December 4, 2013, the wire rope load lines on 15 ton overhead crane #267 located in the Roll Turn Shop was not inspected on a monthly basis. The 5/8 inch wire rope was running on 7/8 inch lower hook block sheaves causing wire rope outside wires to become damaged and to wear through the sides of the hook block.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

Date By Which Violation Must be Abated:	Corrected During Inspection
Proposed Penalty:	\$7000.00

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 9 b Type of Violation: **Serious****

29 CFR 1910.179(j)(2): Overhead cranes were not inspected for defects on a daily basis for items including but not limited to; all functional operating mechanisms for maladjustment, deterioration or leakage of air or hydraulic systems and hooks:

On or about December 4, 2013, the 15 ton overhead Morgan crane #267 located in the Roll Turn Shop was not inspected on a daily basis. The 9/16 inch wire rope was running on 7/8 inch lower hook block sheaves causing damage to the outside wire rope strands, the sheave alignment guards, and the hook block.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**Date By Which Violation Must be Abated:**

**Corrected During Inspection**

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 10** Type of Violation: **Serious**

29 CFR 1910.179(m)(1)(iii): Wire ropes had worn or damaged outside wires:

On or about December 4, 2013, the wire rope load lines on 15 ton overhead crane #267 located in the Roll Turn Shop had outside wear to the wire rope strands. The 9/16 inch wire rope load line was running on 7/8 inch lower hook block sheaves causing the wire rope to run against sheave block guards which caused outer wires to become damaged as it wore through the sides of the hook block guarding.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

Date By Which Violation Must be Abated:  
Proposed Penalty:

Corrected During Inspection  
\$7000.00

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

**Inspection Number:** 942971  
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**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 11** Type of Violation: **Serious**

29 CFR 1910.180(d)(4)(x): Periodic inspections of mobile cranes were not performed for excessively worn or damaged tires:

Periodic inspections of the 835 Sennebogen mobile crane used by the sub-contractor in the scrap yard were not performed by the employer. This mobile crane had front and rear solid rubber tires that collapsed during travel and had a broken rim on the inside rear.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

Date By Which Violation Must be Abated:  
Proposed Penalty:

Corrected During Inspection  
\$5500.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 12** Type of Violation: **Serious**

29 CFR 1910.184(c)(1): Sling(s) that were damaged or defective were used:

- a) On or about October 8, 2013, the master link components on the Mazzella chain sling, located at the East end of Steel Conditioning #5 building and where trucks are loaded with steel while employees are on the truck bed, was worn and damaged and used as part of the rigging components above the attachment to the Ohio lift magnetic.
- b) On or about October 8, 2013, the master link of the Mazzella chain sling, located at the West end of Steel Conditioning #5 building where steel is unloaded from rail cars and flatbed trucks and to steel set on a grinder table where the operator sits, was significantly worn and damage and used as part of the rigging components above the Ohio lift magnetic.
- c) On or about October 21, 2013, the 3/8 inch four leg spreader alloy lifting sling, located at Furnace #7 in Melt Shop #4, had several chain links that were worn and stretched. The chain sling was utilized to lift 1400 kg of palletted material to furnace #7.
- d) On or about October 21, 2013, the 3/8 inch four leg spreader alloy chain lifting sling, located at the reline station in Melt Shop #4, was stretched, bent and worn. The chain sling was used to lift wood palletted materials weighing 100 kg to 1100 kg.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

Date By Which Violation Must be Abated:  
Proposed Penalty:

Corrected During Inspection  
\$5500.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 13** Type of Violation: **Serious**

29 CFR 1910.184(e)(1): Alloy steel sling(s) did not have permanently affixed durable identification stating size, grade, rated capacity, and reach:

- a) On or about October 21, 2013, the 3/8 inch four point alloy chain spreader located at furnace #7 in Melt Shop #4, did not have an identification tag affixed to the sling assembly to identify the rating, size, reach, and grade of the sling. The chain sling was utilized to lift 1400 kg of palletted material to Furnace #7.
- b) On or about October 21, 2013, the 3/8 inch four point spreader alloy chain, located at the Reline station in Melt Shop #4, did not have identification tag affixed to identify the rating, size, reach, and grade of the sling. The chain sling was used to lift wood palletted materials weighing 100 kg to 1100 kg.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

Date By Which Violation Must be Abated:	Corrected During Inspection
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**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 14** Type of Violation: **Serious**

29 CFR 1910.219(f)(3): Sprocket wheels and chains which were seven (7) feet or less above floors or platforms were not enclosed:

- a) On October 2, 2013, the ladle refining furnace stir lance drive gearbox had a triple sprocket and chain assembly that was not guarded.
- b) On October 3, 2013, the #2 billet transfer drive sprocket and chain assembly was not guarded.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$5500.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 15** Type of Violation: **Serious**

29 CFR 1910.219(i)(2): Revolving surfaces of shaft coupling(s) were not covered by a safety sleeve:

- a) On October 2, 2013, the ladle refining furnace stir lance motor to the gearbox drive had two couplings that were not covered by a guard.
- b) On October 3, 2013, there were two unguarded couplings at the Steel Conditioning #5 billet transfer assembly.
- c) On November 14, 2013, the CBCF rolling mill rotating drive spindles were not guarded.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$5500.00

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 16** Type of Violation: **Serious**

29 CFR 1910.254(b)(4)(iv): Terminals for welding leads were not protected from accidental contact by personnel or metal objects:

On or about October 7, 2013 the Miller Arc Welder located in the Quality Verification Line (QVL) and used by bar straightener employees did not have the terminal leads covered to protect against accidental contact and electric shock hazards.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

Date By Which Violation Must be Abated:  
Proposed Penalty:

Corrected During Inspection  
\$4400.00

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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**Citation 1 Item 17 Type of Violation: **Serious****

29 CFR 1910.303(g)(1)(i)(B): For electric equipment operating at 600 volts, nominal, or less to ground, and likely to require examination, adjustment, servicing, or maintenance while energized, the width of the working space in front of electrical equipment was less than the width of the equipment or 762 mm (30 inches), whichever was greater:

On November 5, 2013, Melt Shop #4, #422 overhead crane had an electrical distribution panel that was blocked by the crane operator chair.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/08/2014</b>
<b>Proposed Penalty:</b>	<b>\$5500.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 18** Type of Violation: **Serious**

29 CFR 1910.303(h)(5)(i): Except as elsewhere required or permitted in this subpart, the minimum clear working space in the direction of access to live parts of electric equipment may not be less than specified in Table S-2. Distances shall be measured from the live parts, if they are exposed, or from the enclosure front or opening, if they are enclosed.

- a) On or about October 15, 2013, employees took oil samples from transformers 5-A and 3-A located inside substation #2 that had unguarded live parts that were 10 feet above the work space and 4 to 5 feet above employees who were exposed to electrical equipment operating at 34.5 KV and greater.
- b) On or about October 10, 2013, an employee entered the outside the 24 KV substation #5 and took oil samples out of the transformers #766004732 that had unguarded live parts that were 9 feet 6 inches above the work space and 3 feet 6 inches to 4 feet above the employee who was exposed to electrical equipment operating at 5 KV and greater.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**Date By Which Violation Must be Abated:** 04/08/2014  
**Proposed Penalty:** \$5500.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 19** Type of Violation: **Serious**

29 CFR 1910.305(b)(2)(i): Pull boxes, junction boxes, and fittings were not provided with covers approved for the purpose:

- a) On October 21, 2013, Melt Shop #4, on the north side of furnace #7, there was a large horizontal electrical junction box that did not have a cover plate.
- b) On October 22, 2013, Melt Shop #4, cardox fire suppression system electrical junction box cover was damaged and open. Also, the #9 furnace hydraulic system, on the south side, had an electric junction box cover that was damaged and open.
- c) On October 23, 2013, Melt Shop #4 basement accumulator room had an electrical receptacle with a damaged cover that was open. Also, there was a duplex toggle switch without a cover plate. Also, there were two open electrical disconnect switches at the mason labor break room.
- d) On December 5, 2013, the Melt Shop cooling tower had two large electrical service centers with the covers off.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/08/2014  
Proposed Penalty: \$5500.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 20 Type of Violation: **Serious****

29 CFR 1910.305(g)(1)(iv): Flexible cords and/or cables were used for purposes prohibited by paragraphs (A) through (F) of 29 CFR 1910.305(g)(1)(iv)(a):

On October 21, 2013, Melt Shop #4, furnace #7, motor control center, the following temporary electrical flexible cords were improperly installed.

- a) The electrified wiring passing through the hole opening in the west wall.
- b) The electrified wiring pinched between the northwest exit door and door frame.
- c) The electrified wiring passing through the hole opening in the south wall.
- d) The electrified wiring pinched between the southwest exit door and door frame.
- e) The Lincoln welder wiring passing through the floor and the south wall.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

**Date By Which Violation Must be Abated:** 04/08/2014  
**Proposed Penalty:** \$5500.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 21** Type of Violation: **Serious**

29 CFR 1910.305(j)(7): Provisions were not made for sufficient diffusion and ventilation of gases from storage batteries to prevent the accumulation of explosive mixtures:

- a) On October 24, 2013, located in the enclosed 24kV substation #5 in operation, the ventilation system was not operating and all doors were closed. Twenty DC standby batteries were in service and were not being vented to diffuse and prevent the accumulation of the potentially explosive gases from batteries in service.
- b) On October 24, 2013, located in the 24kV substation #3 in operation, the sixteen 12 DC volt batteries in service were not ventilated to diffuse and prevent the accumulation of the potentially explosive gases from the batteries in service. The ventilation system was not working and all outside perimeter doors were closed.
- c) On October 24, 2013, located in the 24kV substation #4 in operation, the eighteen 12 DC volt batteries in service were not being ventilated to diffuse and prevent the accumulation of the potentially explosive gases from batteries in service and from the enclosed electric equipment room. The ventilation system was not in operation and all doors were closed.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$7000.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 1 Item 22 Type of Violation: **Serious****

29 CFR 1910.333(a): Safety-related work practices were not employed to prevent electric shock or other injuries resulting from either direct or indirect electrical contacts, when work was performed near or on equipment or circuits which were or could be energized:

- a) On or about October 15, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase step down transformer, located under Furnace #7 near the gas valve in the Melt Shop #4, utilized electrical safety related work practices such as shielding or the use of electrical personal protective equipment to control exposure to energized conductors.
- b) On or about October 2, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase F & M star wheel electric motor located in the QVL, utilized electrical safety related work practices such as shielding or the use of electrical personal protective equipment to control exposure to energized conductors.
- c) On or about October 9, 2013, the employer did not ensure that an employee performing repairs on 240 AC Volt, 3 phase electrical outlet wired to energized breaker panel, utilized electrical safety related work practices such as shielding or the use of electrical personal protective equipment to control exposure to energized conductors.
- d) On or about September 25, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase water heater located in the foreman's locker room in Melt Shop #4 utilized electrical safety related work practices such as shielding or the use of electrical personal protective equipment to control exposure to energized conductors.
- e) On or about October 11, 2013, the employer did not ensure that an employee performing troubleshooting on the energized electrical equipment for the 480 AC Volt, 3 phase MMC-3 heater remote disconnect box located in the Steel Conditioning #5 building utilized electrical safety related work practices such as shielding or the use of electrical personal protective equipment to control exposure to energized conductors.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$7000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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

29 CFR 1910.23(a)(2): Ladder way floor opening(s) or platform(s) were not guarded by a standard railing with standard toe board(s) on all exposed sides (except at the entrance to opening) with passage through the railing either provided with a swinging gate or so offset that a person could walk directly into the opening:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of October 20, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 8 feet 3 inches onto the ground below while working on a ladder platform performing preventive maintenance and repairing equipment on the straightener in the CBCF. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/18/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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**Citation 2 Item 2** Type of Violation: **Willful**

29 CFR 1910.23(a)(3)(ii): Where operating conditions necessitate the feeding of material into any hatchway or chute opening, protection shall be provided to prevent a person from falling through the opening:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

- a) This most recently occurred on November 5, 2013, at 2633 8th Street NE, Canton, Ohio. Employees were exposed to falling into the flexible caster furnace chute while throwing 50lb bags of alloy material used to change the composition of the molten metal.
- b) This most recently occurred on November 7, 2013, at 2633 8th Street NE, Canton, Ohio. Employees were exposed to falling into the ladle refining furnace chute while throwing 50lb bags of alloy material used to change the composition of the molten metal.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/08/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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**Citation 2 Item 3** Type of Violation: **Willful**

29 CFR 1910.23(a)(3)(ii): Where operating conditions necessitate the feeding of material into any hatchway or chute opening, protection shall be provided to prevent a person from falling through the opening:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred on October 23, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 30 feet into the slag pits while taking the temperature of the Electric Arc Furnace #7 manually. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>05/03/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 4** Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of November 7, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 40 onto the ground below while lancing the ladle tap hole. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA Inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA Inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>05/03/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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**Citation 2 Item 5** Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of December 4, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 20 feet onto the ground below while working on a steam valve platform performing opening and closing the number 2 steam line header valve. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>05/03/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 2 Item 6 Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of November 7, 2013, at 2633 8th Street NE, Canton, Ohio. The employer failed to ensure employees protected from a fall of approximately 40 feet onto the ground below while changing the kaolwool insulation blanket on the molten metal runner. Employees must go to the edge of the platform to hook up the crane and ensure the blanket is in place correctly. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA Inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA Inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>05/03/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 7** Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of October 5, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 35 feet onto the ground below while working on the trolley of crane# 299. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	05/03/2014
Proposed Penalty:	\$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### **Citation 2 Item 8** Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of October 2, 2013, at 2633 8th Street NE, Canton, Ohio. Employees that work from the ladle refining furnace wire feeding platform are exposed to a fall of approximately 9 feet. The platform did not have a standard guardrail system and employees must get on the platform to start the wire feeds. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/08/2014  
Proposed Penalty: \$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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**Citation 2 Item 9** Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of November 6, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 40 feet onto the ground below while working on the scales of the alloy cart in the CBCF. Employees perform preventive maintenance monthly and walk within 2 feet of the edge. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	05/03/2014
Proposed Penalty:	\$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 10** Type of Violation: **Willful**

29 CFR 1910.23(c)(1): Open-sided floors and/or platforms four feet or more above adjacent floor or ground level were not guarded with standard railings (or equivalent) and toe boards:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of October 20, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 35 feet onto the ground below while working on the ladles in Melt Shop #4. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 05/03/2014  
Proposed Penalty: \$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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#### **Citation 2 Item 11 Type of Violation: **Willful****

29 CFR 1910.23(c)(3): Regardless of height, open-sided floors, walkways, platforms, or runways above or adjacent to dangerous equipment, pickling or galvanizing tanks, degreasing units, and similar hazards were not guarded with a standard railing and toe board.

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of October 20, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall into the runner which hot molten metal flows. Employees must dig out the runner trough and then uses an oxygen lance to blow open the tap hole. They get within a few inches of a small parapet wall. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, Item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, Item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>05/03/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 2 Item 12 Type of Violation: **Willful**

29 CFR 1910.132(a): Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers, were not 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:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of November 4, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 35 feet onto the ground below while unloading equipment to the LMF deck. Employees must open the guardrail to receive equipment without any other form of fall protection. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/18/2014
Proposed Penalty:	\$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 13** Type of Violation: **Willful**

29 CFR 1910.132(a): Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers, were not 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:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of January 27, 2014, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 15 feet onto the ground below while attempting to climb onto the roof of Electric Arc Furnace #7. Employees need to gain access to the roof to replace broken electrodes. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	05/03/2014
Proposed Penalty:	\$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 14** Type of Violation: **Willful**

29 CFR 1910.132(a): Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers, were not 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:

The employer does not protect each employee from fall hazards by the use of a fall protective system/devices or other necessary means.

This most recently occurred during the week of November 1, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 15 feet onto the ground below while servicing the CBCF Runout Room/Spray Room. Employees must change out and clean out water spray nozzles on a monthly basis. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>05/03/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 15** Type of Violation: **Willful**

29 CFR 1910.132(a): Protective equipment was not used when necessary whenever hazards capable of causing injury and impairment were encountered:

On the following dates and at separate areas employees were not wearing adequate molten metal personal protection.

- a) This most recently occurred on November 5, 2013, at 2633 8th Street NE, Canton, Ohio. Employees were exposed to a molten metal burn hazard while throwing 50lb bags of alloy material used to change the composition of the molten metal.
- b) This most recently occurred on November 7, 2013, at 2633 8th Street NE, Canton, Ohio. Employees were exposed to a molten metal burn hazard while throwing 50lb bags of alloy material used to change the composition of the molten metal.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$70000.00



### Citation and Notification of Penalty

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 2 Item 16 Type of Violation: **Willful**

29 CFR 1910.132(c): Personal protective equipment was not of safe design and construction for the work to be performed:

- a) This most recently occurred during the week of October 2, 2013, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of 51 inches to 88 inches above the work floor while using a non-engineered horizontal wire rope and anchorage used on the north tundish repair platform. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.
- b) This most recently occurred during the week of January 14, 2014, at 2633 8th Street NE, Canton, Ohio. Employees are exposed to a fall of approximately 40 feet to the ground while using a non-engineered horizontal life line to walk along the north wall of Steel Conditioning #4. To abate this hazard in the future, the employer must ensure that fall protection devices/systems are used by employees.

Republic Steel dba Republic Engineered Products was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 01, item 001, citation 01, item 002 and citation 01 item 005 issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 313782781, citation 02, item 001, issued on November 4, 2010, and became final order on or about May 4, 2011, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 314603846, citation 02, item 001, issued on December 6, 2010, and became final order on or about July 7, 2011, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from fall hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/08/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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#### Citation 2 Item 17 Type of Violation: **Willful**

29 CFR 1910.147(c)(4)(i): Procedures were not developed, documented and utilized for the control of potentially hazardous energy when employees were engaged in activities covered by this section:

The employer does not protect each employee from hazardous energy by ensuring written lockout/tagout procedures are used properly.

This most recently occurred during November 4, 2013, at 2633 8th Street NE, Canton, Ohio. The employer failed to ensure the flexible caster furnace maintenance crew knew how to access lockout tagout written specific procedures from the workplace Inet computer system. To abate this hazard in the future, the employer must ensure that all employees are capable of accessing the Inet to use the written procedures.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 02, Item 001, issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 311446272, citation 02, Item 001, issued on November 12, 2008, and became final order on or about December 8, 2010, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from hazardous energy.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

<b>Date By Which Violation Must be Abated:</b>	<b>Corrected During Inspection</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 18** Type of Violation: **Willful**

29 CFR 1910.147(c)(6)(i): The employer did not conduct a periodic inspection of the energy control procedure at least annually to ensure that the procedure and the requirement of this standard were being followed:

The employer does not protect each employee from hazardous energy by ensuring written lockout/tagout procedures are used properly.

This most recently occurred during November 12, 2013, at 2633 8th Street NE, Canton, Ohio. The employer failed to ensure that periodic inspections of the energy control procedures were accomplished for authorized employees. To abate this hazard in the future, the employer must ensure that all employees are trained on how to access and use of the written procedures.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 02, Item 001, issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 311446272, citation 02, Item 001, issued on November 12, 2008, and became final order on or about December 8, 2010, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from hazardous energy.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

**Date By Which Violation Must be Abated:** 05/03/2014  
**Proposed Penalty:** \$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 2 Item 19 Type of Violation: **Willful**

29 CFR 1910.147(d)(4)(i): Lockout or tagout devices were not affixed to each energy isolating device by authorized employees:

The employer does not protect each employee from hazardous energy during service/maintenance activities by ensuring the use of lockout/tagout on all energy sources.

This most recently occurred on December 5, 2013, at 2633 8th Street NE, Canton, Ohio. The employer failed to ensure that the west clarifier tunnel sludge pump assembly was completely locked out. The electrical disconnect for the pump and sludge line were locked out, but the water line valve to the system was not locked and/or blanked. To abate this hazard in the future, the employer must ensure that all employees are lockout and tagout all hazardous energy sources.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 02, Item 001, issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 311446272, citation 02, Item 001, issued on November 12, 2008, and became final order on or about December 8, 2010, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from lockout tagout hazards.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/08/2014  
Proposed Penalty: \$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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#### Citation 2 Item 20 Type of Violation: **Willful**

29 CFR 1910.147(d)(6): Prior to starting work on machines or equipment that had been locked out or tagged out, the authorized employee did not verify that isolation and deenergization of the machine or equipment had been accomplished:

The employer does not protect each employee from hazardous energy by ensuring hazardous energies have been isolated during lockout/tagout.

This most recently occurred on October 10, 2013, at 2633 8th Street NE, Canton, Ohio. The employer failed to ensure that employees locking out grinder 5 in Steel Conditioning #5 verified there were no hazardous energies present prior to beginning work. To abate this hazard in the future, the employer must ensure that all employees are trained properly on lockout/tagout procedures and verify after every job.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 02, Item 001, issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 311446272, citation 02, Item 001, issued on November 12, 2008, and became final order on or about December 8, 2010, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from hazardous energy.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/08/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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#### **Citation 2 Item 21 Type of Violation: **Willful****

29 CFR 1910.147(f)(3)(ii)(D): Each authorized employee did not affix a personal lockout or tagout device to the group lockout device before working on the machine or equipment:

The employer does not protect each sub-contractor from hazardous energy sources by ensuring the utilization of group lockout.

This most recently occurred on October 24, 2013, at 2633 8th Street NE, Canton, Ohio. The employer did not ensure that the MPW sub-contractor employees who were engaged in cleanup operations on and around the perimeter of furnace #9 had applied their locks and/or tags to the equipment that was de-energized and locked out by the host employer (Republic Steel). To abate this hazard in the future, the employer must ensure that all sub-contractors are trained on the company's lockout/tagout policy and enforce the implementation of this policy.

Republic Steel dba Republic Engineered Products, was previously cited for a violation of this occupational safety and health standard or an equivalent standard contained in:

OSHA inspection number 313785941, citation 02, Item 001, issued on May 16, 2011, and became final order on or about May 14, 2012, with respect to a workplace located at 1807 East 28th Street, Lorain, Ohio 44055;

OSHA inspection number 311446272, citation 02, Item 001, issued on November 12, 2008, and became final order on or about December 8, 2010, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

Pursuant to 29 CFR 1903.19, the employer must submit documents describing the steps it is taking to ensure compliance, including an explanation of how these steps protect its employees from lockout tagout hazards.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

<b>Date By Which Violation Must be Abated:</b>	<b>Corrected During Inspection</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 2 Item 22 Type of Violation: **Willful**

29 CFR 1910.212(a)(1): One or more methods of machine guarding was not provided to protect the operator and other employees in the machine area from hazards such as those created by point of operation, ingoing nip points, rotating parts, flying chips and sparks:

- a) On October 2, 2013, the blooming mill descender rollers had ingoing nip points and flying chips that were not guarded.
- b) On October 3, 2013, the central maintenance shop had two drill presses, 1 Craftsman and 1 Rockwell that were not guarded at the rotating chucks.
- c) On October 17, 2013, the machine shop in the Metallurgical Lab had an American lathe that was not guarded at the rotating chuck.
- d) On October 17, 2013, the machine shop in the Metallurgical Lab had a horizontal drill press with a rotating chuck and tool that was not guarded.
- e) On October 17, 2013, the machine shop in the Metallurgical lab had a Do All horizontal bandsaw that had three inches of the unused portion of the sawblade that was not guarded.
- f) On November 4, 2013, the ladle refining furnace ventilation damper linkage guarding was open and not secured.
- g) On November 6, 2013, the CBCF maintenance shop had two drill presses that was not guarded at the rotating chuck.
- h) On December 4, 2013, the roll shop drill press was not guarded at the rotating chuck.
- i) On December 4, 2013, the roll shop had a Leblond lathe creating flying metal chips that were not guarded.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/08/2014</b>
<b>Proposed Penalty:</b>	<b>\$70000.00</b>

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 2 Item 23** Type of Violation: **Willful**

29 CFR 1910.212(a)(3)(ii): Point(s) of operation of machinery were not guarded to prevent employee(s) from having any part of their body in the danger zone(s) during operating cycle(s):

- a) On October 2, 2013, the blooming mill #3 hydraulic shear was not guarded at the point of operation.
- b) On October 23, 2013, the ladle reline area had a circular saw that was not guarded at the sawblade.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### **Citation 3 Item 1** Type of Violation: **Repeat**

29 CFR 1910.22(a)(1): All places of employment, passageways, storerooms or service rooms were not kept clean and orderly or in a sanitary condition:

On and about October 2, 2013, the following areas had walking working surfaces that were not kept clean.

- a) The #4 melt shop, north side entrance to the #7 furnace operator pulpit had a heavy build up of metal dust.
- b) The CBCF rolling mill, south side of the descaler had heavy metal scale build up on the work floor and staircase.
- c) The CBCF spray chamber elevated walkway, platforms and stairs had heavy metal chips, hoses and debris.
- d) The #4 melt shop tripper car elevated platform, stairs and walkway were cluttered with material and metal dust.
- e) The melt shop #422 crane access/egress stairs and platform were cluttered with hoses and metal dust.

Republic Steel (formerly Republic Engineered Products) was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.22(a)(1), which was contained in OSHA inspection number 314603846, citation number 1, item number 1 and was affirmed as a final order on December 6, 2010, with respect to a workplace located at 2633 8th Street NE, Canton, Ohio 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/18/2014  
Proposed Penalty: \$33000.00

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 3 Item 2** Type of Violation: **Repeat**

29 CFR 1910.22(a)(2): Where wet processes were used, drainage was not maintained, and false floors, platforms, mats, or other dry standing places were not provided when practicable:

a) On October 22, 23, and 24, 2013, the south end of Melt Shop #4 slag pit area was flooded with water and hydraulic oil from the bottom of the staircase to the underside of furnace #9 and the #100 truck door.

Republic Steel (formerly Republic Engineered Products) was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.22(a)(2), which was contained in OSHA inspection number 313782781, citation number 3, item number 4 and was affirmed as a final order on May 4, 2011, with respect to a workplace located at 1807 E. 28th St., Lorain, Ohio 44055.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/04/2014
Proposed Penalty:	\$70000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 3 Item 3** Type of Violation: **Repeat**

29 CFR 1910.23(a)(8): Every floor hole into which persons can accidentally walk were not guarded:

- a) On October 21, 2013, Melt Shop #4 at furnace #7, there were three open holes. The west side had a rectangular 8 inch by 22 foot hole, the south side had a rectangular 4 inch by approximately 20 foot hole and the southwest corner had a 24 inch triangular hole. All three floor holes lead to the lower level approximately 35 feet below.
- b) On November 5, 2013, Melt Shop #4, on the elevated access platform leading to the tripper car, there was a floor hole that measured 5 inches by 5.5 inches in width.
- c) On November 12, 2013, at the continuous billet caster facility, on the south side of the walking beam furnace there was an open hole at the hydraulic valve stand that measured, 10 inches by 49 inches wide, by 58 inches deep.
- d) On or about October 21, 2013, the employer failed to ensure employees performing troubleshooting on Electric Arc Furnace #9 were protected from falling into an open floor hole. The floor hole was approximately 1 foot wide and 2 feet long.

Republic Steel (formerly Republic Engineered Products) was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.23(a)(8), which was contained in OSHA inspection number 311446272 citation number 3, item number 3 and was affirmed as a final order on April 9, 2009, with respect to a workplace located at 2633 8th Street NE, Canton, OH 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

**Date By Which Violation Must be Abated:** 04/08/2014  
**Proposed Penalty:** \$33000.00

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

Inspection Number: 942971  
Inspection Date(s): 10/02/2013 - 02/24/2014  
Issuance Date: 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 3 Item 4** Type of Violation: **Repeat**

29 CFR 1910.37(a)(3): Exit route(s) were not kept free and unobstructed:

On October 21, 2013, there was an emergency exit discharge doorway that was obstructed by a mound of process lime approximately 20 inches high in Melt Shop #4 electric arc furnace level.

Republic Steel (formerly Republic Engineered Products) was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.37(a)(3), which was contained in OSHA inspection number 313199960, citation number 1, item number 1 and was affirmed as a final order on September 1, 2009, with respect to a workplace located at 3075 Lake Shore Blvd., Blasdell, NY 14219.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/08/2014  
Proposed Penalty: \$33000.00

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 3 Item 5** Type of Violation: **Repeat**

29 CFR 1910.184(d): Each day before being used, the sling and all fastenings and attachments were not being inspected for damage or defects by a competent person designated by the employer:

- a) On or about October 8, 2013, the Mazzella alloy chain sling that was used to load and move steel stock, located at the East end of Steel Conditioning #5 building, was not inspected by a competent person to identify worn and damaged master link components that attached to the Ohio lift magnetic.
- b) On or about October 8, 2013, the Mazzella alloy chain sling used to unload steel stock from rail cars, flatbed trucks and to set steel on a grinder table, located at the West end of Steel Conditioning #5 building, was not inspected by a competent person before use to identify significantly worn and damaged master link components that attached to the Ohio lift magnetic.
- c) On or about October 21, 2013, the 3/8 inch four point alloy chain spreader, located at Furnace #7 in Melt Shop #4, was not inspected to identify several chain links that were worn and stretched. The chain sling was utilized to lift 1400 kg of palletted material to Furnace #7.
- d) On or about October 21, 2013, the 3/8 inch four point spreader alloy chain, located at the Reline station in Melt Shop #4, was not inspected by a competent person to identify chain links that were stretched, bent and worn. The chain sling was used to lift wood palletted materials weighing 100 kg to 1100 kg.

Republic Steel was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.184(d), which was contained in OSHA inspection number 311446272, citation number 1, item number 5(a), and was affirmed as a final order on February 19, 2010, with respect to a workplace located at 2633 8th Street Canton, OH. 44704.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

<b>Date By Which Violation Must be Abated:</b>	<b>Corrected During Inspection</b>
<b>Proposed Penalty:</b>	<b>\$27500.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 3 Item 6** Type of Violation: **Repeat**

29 CFR 1910.212(b): Machine(s) designed for fixed location(s) were not securely anchored to prevent walking or moving:

- a) On October 3, 2013, in the central maintenance shop, the Craftsman and Rockwell Drill presses were not securely anchored to the work floor.
- b) On October 3, 2013, in the central maintenance shop, the abrasive wheel pedestal grinder was not securely anchored to the work floor.

Republic Steel (formerly Republic Engineered Products) was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.212(b), which was contained in OSHA inspection number 313199960, citation number 2, item number 1 and was affirmed as a final order on September 1, 2009, with respect to a workplace located at 3075 Lake Shore Blvd., Blasdell, NY 14219.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/08/2014
Proposed Penalty:	\$22000.00



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

**Citation 3 Item 7** Type of Violation: **Repeat**

29 CFR 1910.215(b)(9): The distance between the abrasive wheel periphery(s) and the adjustable tongue or the end of the safety guard peripheral member at the top exceeded one fourth inch:

- a) On October 3, 2013, in the central maintenance shop, the Rockwell abrasive wheel pedestal grinder periphery guarding was at 5/8ths of an inch.
- b) On November 6, 2013, in the CBCF secondary maintenance shop, the Black and Decker abrasive wheel pedestal grinder periphery guard was open 1 inch.

Republic Steel (formerly Republic Engineered Products) was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.215(b)(9), which was contained in OSHA inspection number 313199960, citation number 1, item number 6(b) and was affirmed as a final order on September 1, 2009, with respect to a workplace located at 3075 Lake Shore Blvd., Blasdell, NY 14219.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 04/08/2014  
Proposed Penalty: \$22000.00



### Citation and Notification of Penalty

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 3 Item 8 a Type of Violation: **Repeat**

29 CFR 1910.335(a)(1)(i): Employees working in areas where there were potential electrical hazards were not provided with electrical protective equipment that was appropriate for the specific parts of the body that needed to be protected and for the work being performed:

- a) On or about October 15, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase step down transformer, located under Furnace #7 near the gas valve in the Melt Shop #4 wore the appropriate gloves for protection of the hands rated for the electrical hazard.
- b) On or about October 2, 2013 and prior to this date, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase F & M star wheel electric motor located in the QVL wore the appropriate gloves for protection of the hands rated for the electrical hazard.
- c) On or about October 9, 2013, the employer did not ensure that an employee performing repairs on 240 AC Volt, 3 phase electrical outlet wired to energized breaker panel wore the appropriate gloves for protection of the hands rated for the electrical hazard.
- d) On or about September 25, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase water heater located in the foreman's locker room in Melt shop #4 wore the appropriate gloves for protection of the hands rated for the electrical hazard.
- e) On or about October 11, 2013 and prior to this date, the employer did not ensure that an employee performing troubleshooting on the energized electrical equipment for the 480 AC Volt, 3 phase MMC-3 heater remote disconnect box located in the Steel Conditioning #5 building wore the appropriate gloves for protection of the hands rated for the electrical hazard.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

Republic Steel was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.335(a)(1)(i), which was contained in OSHA inspection number 313782781, citation number 1, item number 8a and was affirmed as a final order on March 14, 2013, with respect to a workplace located at 1807 East 28 Street, Lorain, Ohio.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

<b>Date By Which Violation Must be Abated:</b>	<b>04/04/2014</b>
<b>Proposed Penalty:</b>	<b>\$38500.00</b>

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:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

#### Citation 3 Item 8 b Type of Violation: **Repeat**

29 CFR 1910.335(a)(1)(v): Employees exposed to the danger of injury to the eyes or face from electric arcs or flashes or from flying objects resulting from electrical explosion did not wear protective equipment for the eyes or face:

- a) On or about October 15, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase step down transformer, located under Furnace #7 near the gas valve in the Melt Shop #4 wore face protection rated for the electrical hazard.
- b) During the week of September 23, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase F & M star wheel electric motor located in the QVL wore face protection rated for the electrical hazard.
- c) On or about October 9, 2013, the employer did not ensure that an employee performing repairs on 240 AC Volt, 3 phase electrical outlet wired to energized breaker panel wore face protection rated for the electrical hazard.
- d) During the week of September 23, 2013, the employer did not ensure that an employee performing troubleshooting on the electrical equipment for the 480 AC Volt, 3 phase water heater located in the foreman's locker room in Melt Shop #4 wore face protection rated for the electrical hazard.
- e) On or about October 11, 2013 and prior to this date, the employer did not ensure that an employee performing troubleshooting on the energized electrical equipment for the 480 AC Volt, 3 phase MMC-3 heater remote disconnect box locate in the Steel Conditioning #5 building wore face protection rated for the electrical hazard.

Republic Steel was previously cited for a violation of this occupational safety and health standard or its equivalent standard 29 CFR 1910.335(a)(1)(v) which was contained in OSHA inspection number 313782781, citation number 1, item number 8b and was affirmed as a final order on March 14, 2011, with respect to a workplace located at 1807 East 28 Street, Lorain, Ohio.

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET), and in addition, documentation demonstrating that abatement is complete must be included with your certification. This documentation may include, but is not limited to, evidence of the purchase or repair of the equipment, photographic or video evidence, or written records.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:

04/04/2014

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

**Inspection Number:** 942971  
**Inspection Date(s):** 10/02/2013 - 02/24/2014  
**Issuance Date:** 03/31/2014



**Citation and Notification of Penalty**

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704

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**Citation 4 Item 1** Type of Violation: **Other-than-Serious**

29 CFR 1910.147(c)(5)(ii): Lockout devices and tagout devices were not used for lockout and tagout purposes only:

On November 4, 2013, the Flex Cast maintenance work shop had an employee tool locker secured with an employers standard energy isolation lock.

Date By Which Violation Must be Abated:  
Proposed Penalty:

Corrected During Inspection  
\$0.00

A handwritten signature in blue ink, appearing to read "H. Eberts", written over a horizontal line.

**Howard B Eberts**  
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  
6393 Oak Tree Blvd  
Suite 203  
Independence, OH 44131  
Phone: 216-447-4194 Fax: 216-520-1624



## INVOICE / DEBT COLLECTION NOTICE

**Company Name:** REPUBLIC STEEL  
**Inspection Site:** 2633 8TH ST. NE, Canton, OH 44704  
**Issuance Date:** 03/31/2014

<b>Summary of Penalties for Inspection Number</b>	<b>942971</b>
<b>Citation 1, Serious</b>	<b>\$120400.00</b>
<b>Citation 2, Willful</b>	<b>\$1610000.00</b>
<b>Citation 3, Repeat</b>	<b>\$279000.00</b>
<b>Citation 4, Other-than-Serious</b>	<b>\$0.00</b>
<b>TOTAL PROPOSED PENALTIES</b>	<b>\$2009400.00</b>

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 on [www.pay.gov](http://www.pay.gov). On the left side of the pay.gov homepage, you will see an option to Search Public Forms. Type "OSHA" and click Go. From the results, click on **OSHA Penalty Payment Form**. 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 \$50,000 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.

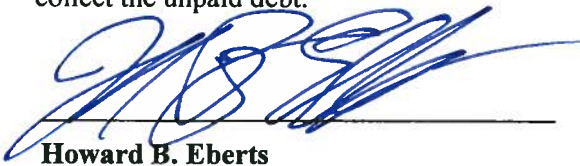
If a personal check is issued, it will be converted into an electronic fund transfer (EFT). This means that our bank will copy your check and use the account information on it to electronically debit your account for the amount of the check. The debit from your account will then usually occur within 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 2 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.



Howard B. Eberts

Area Director

3-31-2014  
Date