

U.S. Department of Labor
Occupational Safety and Health Administration
701 Lee Street
Suite 950
Des Plaines, IL 60016
Phone: 847-803-4800 Fax: 847-390-8220



Citation and Notification of Penalty

To:
Tecnica Environmental Services, Inc.
and its successors
16W066 Jeans Road
Lemont, IL 60439

Inspection Number: 1245161
Inspection Date(s): 07/06/2017 - 12/18/2017
Issuance Date: 12/22/2017

Inspection Site:
404 W. Harrison Street
Chicago, IL 60607

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

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

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

Informal Conference - An informal conference is not required. However, if you wish to have such a conference you may request one with the Area Director during the 15 working day contest period. 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. 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 \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

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

Employer Discrimination Unlawful – The law prohibits discrimination by an employer against an

employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the U.S. Department of Labor Area Office at the address shown above.

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

Notice to Employees – The law gives an employee or his/her representative the opportunity to object to any abatement date set for a violation if he/she believes the date to be unreasonable. The contest must be mailed to the U.S. Department of Labor Area Office at the address shown above and postmarked within 15 working days (excluding weekends and Federal holidays) of the receipt by the employer of this Citation and Notification of Penalty.

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



NOTICE TO EMPLOYEES OF INFORMAL CONFERENCE

An informal conference has been scheduled with OSHA to discuss the citation(s) issued on 12/22/2017. The conference will be held by telephone or at the OSHA office located at 701 Lee Street, Suite 950, Des Plaines, IL 60016 on _____ at _____.

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

CERTIFICATION OF CORRECTIVE ACTION WORKSHEET

Inspection Number: 1245161

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607
Issuance Date: 12/22/2017

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, 701 Lee Street, Suite 950, Des Plaines, IL 60016**

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

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

Inspection Number: 1245161
Inspection Date(s): 07/06/2017 - 12/18/2017
Issuance Date: 12/22/2017



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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 1 a Type of Violation: **Serious**

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(h)(1)(i): Respirators issued for the exclusive use of an employee were not cleaned and disinfected as often as necessary to be maintained in a sanitary condition.

a) On July 6, 2017, the employer did not ensure that employee(s) wearing respiratory protection cleaned and disinfected the respirators as often as necessary to maintain them in a sanitary condition. A North 7700 Series Silicone Half Mask Respirator, kept inside the clean change area on the 3rd floor (located between the lunchroom and the shower area) was contaminated with up to 44.50 micrograms lead and 0.709 micrograms cadmium.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

01/05/2018

Proposed Penalty:

\$5704.00

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: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(h)(1)(ii): Respirators issued to more than one employee were not cleaned and disinfected before being worn by different individuals:

a) On July 6, 2017 the employer did not ensure that employee(s) wearing respiratory protection cleaned and disinfected the respirators as often as necessary to maintain them in a sanitary condition. Two Clemco Apollo 600 Series Supplied Air Respirators (SARs) were stored on top of Axxiom Manufacturing Inc. abrasive blasting pots outside a lead containment located on the 2nd floor. The inside visors of the SARs, issued for common use, were contaminated with up to 23.43 micrograms lead and 0.637 micrograms cadmium.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

01/05/2018



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(h)(2)(i): Respirators were not stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals or were not packed or stored to prevent deformation of the face piece and exhalation valve:

a) On July 6, 2017, the employer did not ensure that employee(s) wearing respiratory protection stored their respirators in a manner that protected them from contamination and dust.

(1) Two Clemco Apollo 600 Series Supplied Air Respirators (SARs), issued for common use during lead removal activities were stored on top of Axxiom Manufacturing Inc. abrasive blasting pots outside a lead containment located on the 2nd floor. Wipe samples confirmed lead and cadmium contamination on the inside visor of the two SARs.

(2) A visibly contaminated North 7700 Series Silicone Half Mask Respirator was stored inside the clean change area on the 3rd floor (located between the lunchroom and the shower area) in proximity to clean clothes of employees. Wipe samples of the inside of the respirator confirmed lead and cadmium contamination.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

01/05/2018

Proposed Penalty:

\$5704.00

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

Inspection Number: 1245161
Inspection Date(s): 07/06/2017 - 12/18/2017
Issuance Date: 12/22/2017



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(i)(7): Oil lubricated compressor(s) used to supply breathing air did not have a high-temperature or carbon monoxide alarm(s) or both: Note: If only a high-temperature alarm is used, the air supply should be monitored to prevent carbon monoxide in the breathing air to exceed 10 ppm.

a) On July 18, 2017, the employer did not use a properly calibrated carbon monoxide (CO) detector to monitor the breathing air quality and alert to the presence of CO in excess of 10 parts per million (ppm) in the air supplied to Clemco Apollo 600 Series Supplied Air Respirators (SARs) used by employees during sandblasting activities. The BW Technologies Gas Alert Clip Model GA-24XT-M CO detectors used by the employer were calibrated to alert at 35 ppm and were not a manufacturer-approved accessory for use with the Clemco SARs.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

01/05/2018

Proposed Penalty:

\$5704.00

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: 1245161
Inspection Date(s): 07/06/2017 - 12/18/2017
Issuance Date: 12/22/2017



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(j): The employer did not ensure all respirator filters, cartridges and canisters used in the workplace were labeled and color coded with the NIOSH approval label and that the label was not removed and was legible:

a) On July 18, 2017, the employer did not ensure that all Clemco CPF Air Filter canisters (used to remove moisture, oil and dirt from compressed air before it reaches the respirator) located in the staging area on the 3rd floor (prior to use during sandblasting activities in another section of the building) were labeled with the NIOSH approval.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:
Proposed Penalty:

01/05/2018
\$3422.00

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: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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 5 a Type of Violation: **Serious**

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(l)(1): Evaluations of the workplace were not conducted to ensure the written respiratory protection program was being effectively implemented:

a) On July 6, 2017 and July 18, 2017, the employer did not evaluate workplace conditions to ensure that the respiratory protection provisions are effectively implemented and continue to protect the employees:

(1) The employer did not evaluate the cleaning and storage of Clemco Apollo 600 Series Supplied Air Respirators (SARs) used by sandblasters, to ensure that they were cleaned and maintained free of lead and cadmium contamination. On July 6, 2017, the contaminated SARs were stored on top of sandblasting equipment outside the lead containment enclosure on the 2nd floor.

(2) The employer did not evaluate the cleaning and storage of half mask respirators used by employees assigned to lead abatement tasks. On July 6, 2017, a lead and cadmium-contaminated North 7700 Series Silicone Half Mask Respirator was found in the clean change area on the 3rd floor.

(3) The employer did not evaluate the carbon monoxide (CO) monitors used on site to ensure that they alerted CO content higher than 10 parts per million (ppm). On July 18, 2017, the BW Technologies Gas Alert Clip Model GA-24XT-M CO detectors were found to be calibrated at 35 ppm.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:
Proposed Penalty:

01/22/2018
\$5704.00

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: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.103. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.134 of this chapter.

29 CFR 1910.134(k)(1)(v): The employer did not ensure that each user could demonstrate knowledge of the procedures for respirator maintenance and storage:

a) The employer did not ensure that employee(s) demonstrated knowledge on respiratory protection procedures for cleaning, maintenance and storage:

(1) Clemco Apollo 600 Series Supplied Air Respirators (SARs), used by sandblasters, were not cleaned and maintained free of lead and cadmium contamination. On July 6, 2017, these contaminated SARs were stored on top of sandblasting equipment outside the lead containment enclosure on the 2nd floor.

(2) On July 6, 2017, a lead and cadmium-contaminated North 7700 Series Silicone Half Mask Respirator was found in the clean change area on the 3rd floor in proximity to employees' street clothes.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

01/05/2018



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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 6 a Type of Violation: **Serious**

NOTE: Construction Reference: 1926.1118. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.1018 of this chapter.

29 CFR 1910.1018(e)(2): Initial monitoring was not performed for each workplace, or work operation covered by 29 CFR 1910.1018 to accurately determine the airborne concentration of inorganic arsenic to which employees may be exposed:

a) On July 6, 2017, the employer did not determine the airborne concentration of inorganic arsenic (via personal air monitoring) to which its employee(s) were exposed. Employee(s) were exposed to arsenic when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of arsenic up to 0.0014 mg/m³.

No abatement certification or documentation is required for this item.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$5704.00



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

29 CFR 1926.1127(d)(2)(i): The employer failed to conduct exposure monitoring as soon as practicable that was representative of the exposure for each employee in the workplace who was or potentially was exposed to cadmium at or above the action level:

a) On July 6, 2017, the employer did not perform an initial determination to assess the presence of cadmium in the workplace and to evaluate employee exposure at or above the action level. Employee(s) were exposed to cadmium when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of cadmium up to 0.0021 mg/m³.

No abatement certification or documentation is required for this item.

Date By Which Violation Must be Abated: Corrected During Inspection



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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 7 a Type of Violation: **Serious**

NOTE: Construction Reference: 1926.1118. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.1018 of this chapter.

29 CFR 1910.1018(o)(1)(i): A training program was not instituted for each employee who is subject to inorganic arsenic exposure above the action level, without regard to respirator use, or for whom there is a possibility of skin or eye irritation from inorganic arsenic:

a) On July 6, 2017, the employer did not institute a training program with employee participation for workers who were exposed to inorganic arsenic and for whom the possibility of skin or eye irritation existed. Employee(s) were exposed to arsenic when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of arsenic up to 0.0014 mg/m³.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated: 02/12/2018
Proposed Penalty: \$5704.00



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.1118. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.1018 of this chapter.

29 CFR 1910.1018(o)(1)(ii): Training was not provided for employee(s) at the time of initial assignment to an area where employees are subject to inorganic arsenic exposure above the action level, or for whom there is a possibility of skin or eye irritation from inorganic arsenic:

a) On July 6, 2017, the employer did not provide information on arsenic to each affected employee, covering the elements listed in paragraphs (A) through (F) of this section. Worker(s) did not receive information on arsenic, including but not limited to the quantity, location, manner of use and nature of operations that could result in arsenic exposure; the use and limitations of respirators; and the applicable engineering controls and work practices. Employee(s) were exposed to arsenic when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017, indicated that abatement workers were exposed to an 8-hour time weighted average level of arsenic up to 0.0014 mg/ m³.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

02/12/2018



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

NOTE: Construction Reference: 1926.1118. The requirements applicable to construction work under this section are identical to those set forth at 29 CFR 1910.1018 of this chapter.

29 CFR 1910.1018(p)(1)(ii): The employer did not communicate to employee(s) the hazards of inorganic arsenic, addressing at least the following: cancer; liver effects; skin effects; respiratory irritation; nervous system effects; and acute toxicity effects.

a) On July 6, 2017, the employer did not provide employees with training and information which addressed the health hazards of inorganic arsenic, including but not limited to cancer and adverse health effects to liver, dermal, respiratory and nervous systems as well as acute toxicity effects. Employee(s) were exposed to arsenic when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of arsenic up to 0.0014 mg/ m³.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

02/12/2018



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

29 CFR 1926.1127(m)(1): The employer did not provide information to employee(s) on at least the following cadmium hazards: cancer; lung effects; kidney effects; and acute toxicity effects.

a) On July 6, 2017, the employer did not provide employees with training and information which addressed the health hazards of cadmium, including but not limited to cancer and adverse effects to renal and respiratory systems as well as acute toxicity effects. Employee(s) were exposed to cadmium when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of cadmium up to 0.0021 mg/ m³.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

02/12/2018



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

29 CFR 1926.1127(m)(4)(i): The employer did not institute a training program for each employee who is potentially exposed to cadmium, ensure employee participation in the program, and maintain a record of the contents of such program:

a) On July 6, 2017, the employer did not institute a training program with employee participation for workers who were potentially exposed to cadmium. Employee(s) were exposed to cadmium when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of cadmium up to 0.0021 mg/m³.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

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Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

29 CFR 1926.1127(m)(4)(iii): The employer did not ensure that each employee was informed of elements listed in paragraphs (A) through (H) of this section:

a) On July 6, 2017, the employer did not provide information and training regarding cadmium, covering the elements listed in paragraphs (A) through (H) of this section; including but not limited to the quantity, location, and nature of operations that could result in cadmium exposure; applicable engineering controls and work practices; specific measures to protect against exposures; aspects of respiratory protection; the medical surveillance program and access to related records. Employee(s) were exposed to cadmium when conducting lead-based paint abatement via manual scraping or sandblasting methods. Air monitoring conducted on August 22, 2017 indicated that abatement workers were exposed to an 8-hour time weighted average level of cadmium up to 0.0021 mg/ m³.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

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U.S. Department of Labor
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Inspection Number: 1245161
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Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
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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 8 a Type of Violation: **Serious**

29 CFR 1926.62(i)(4)(ii): The employer did not ensure that lunchroom facilities or eating areas were as free as practicable from lead contamination:

a) On July 6, 2017 and July 10, 2017, the employer did not ensure that the joint-use 3rd floor lunchroom was as free as practicable of lead contamination. Samples collected in the lunchroom area revealed lead contamination of up to 13.32 micrograms on the microwave keypad(s) and up to 24.29 micrograms on the common-use beverage cooler.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:	01/12/2018
Proposed Penalty:	\$3422.00

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: 1245161
Inspection Date(s): 07/06/2017 - 12/18/2017
Issuance Date: 12/22/2017



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

Citation 1 Item 8 b Type of Violation: **Serious**

29 CFR 1926.1127(k)(1): All surfaces were not maintained as free as practical of accumulations of cadmium:

a) On July 6, 2017 and July 10, 2017, the employer did not ensure that the joint-use 3rd floor lunchroom was as free as practicable of cadmium contamination. Samples collected in the lunchroom area revealed cadmium contamination of up to 0.4 micrograms on the common-use beverage cooler.

In accordance with 29 CFR 1903.19(c), abatement certification is required for this violation (using the CERTIFICATION OF CORRECTIVE ACTION WORKSHEET).

Date By Which Violation Must be Abated:

01/12/2018

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: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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 1926.62(j)(1)(i): The employer did not make available initial medical surveillance, consisting of biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels, to employees occupationally exposed on any day to lead at or above the action level:

a) On July 6, 2017, the employer did not make initial medical surveillance in the form of blood sampling and analysis for lead and zinc protoporphyrin upon employees' initial exposure to lead at or above the action level. Employee(s) engaged in lead abatement tasks, using manual scraping or sandblasting methods received their initial monitoring weeks or months after their first assignment to the Old Main Post Office.

- (1) An employee assigned to the worksite on October 4, 2016, was not provided biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels until July 20, 2017, approximately 9 months after initial assignment.
- (2) An employee assigned to the worksite on October 12, 2016, was not provided biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels until June 22, 2017, approximately 8 months after initial assignment.
- (3) An employee assigned to the worksite on October 12, 2016, was not provided biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels until June 23, 2017, approximately 8 months after initial assignment.
- (4) An employee assigned to the worksite on January 3, 2017, was not provided biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels until June 22, 2017, approximately 5 months after initial assignment.
- (5) An employee assigned to the worksite on January 18, 2017, was not provided biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels until June 30, 2017,

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: 1245161
Inspection Date(s): 07/06/2017 - 12/18/2017
Issuance Date: 12/22/2017



Citation and Notification of Penalty

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

approximately 5 months after initial assignment.

No abatement certification or documentation is required for this item.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$5704.00

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: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

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

29 CFR 1926.62(j)(2)(i)(A): The employer did not make available biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels to each employee covered under 29 CFR 1926.62(j)(1)(ii), at least every 2 months for the first 6 months and every 6 months thereafter:

a) On July 6, 2017, the employer did not ensure that employees exposed to lead at or above the action level when performing lead abatement tasks, using manual scraping or sandblasting methods, received biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin at least every 2 months for the first 6 months and every 6 months thereafter.

(1) An employee assigned to the worksite on August 24, 2016, did not receive follow-up biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels every 2 months for the first 6 months and every 6 months thereafter. The employee was provided follow-up biological monitoring on July 20, 2017, approximately 13 months after initial testing.

(2) An employee assigned to the worksite on September 8, 2016, did not receive follow-up biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels every 2 months for the first 6 months and every 6 months thereafter. The employee was provided follow-up biological monitoring on July 13, 2017, approximately 10 months after initial testing.

(3) An employee assigned to the worksite on September 30, 2016, did not receive follow-up biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels every 2 months for the first 6 months and every 6 months thereafter. The employee was provided follow-up biological monitoring on June 27, 2017, approximately 9 months after initial testing.

(4) An employee assigned to the worksite on October 24, 2016, did not receive follow-up biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels every 2 months for the first 6 months and every 6 months thereafter. The employee was provided follow-up biological monitoring on June 27, 2017, approximately 8 months after initial testing.

(5) An employee assigned to the worksite on December 1, 2016, did not receive follow-up biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels every 2

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

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Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607

months for the first 6 months and every 6 months thereafter. The employee was provided follow-up biological monitoring on July 7, 2017, approximately 7 months after initial testing.

No abatement certification or documentation is required for this item.

Date By Which Violation Must be Abated: Corrected During Inspection

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
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Company Name: Tecnica Environmental Services, Inc.
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Citation 1 Item 10 Type of Violation: **Serious**

29 CFR 1926.62(n)(1)(ii): The employer did not include on the employee exposure monitoring records the information listed in paragraphs (A) through (E) of this section.

a) On July 6, 2017, the employer did not ensure that exposure monitoring records contained information, including but not limited to the type of respiratory protection; the names of all employees monitored or for whom the exposure measurement is intended to represent, and any environmental variables that could affect the exposure assessment.

In accordance with 29 CFR 1903.19(d), abatement certification is required for this violation (using the **CERTIFICATION OF CORRECTIVE ACTION WORKSHEET**).

Date By Which Violation Must be Abated:
Proposed Penalty:

01/12/2018
\$3422.00


Angeline Loftus
Area Director

U.S. Department of Labor
Occupational Safety and Health Administration
701 Lee Street
Suite 950
Des Plaines, IL 60016
Phone: 847-803-4800 Fax: 847-390-8220



INVOICE / DEBT COLLECTION NOTICE

Company Name: Tecnica Environmental Services, Inc.
Inspection Site: 404 W. Harrison Street, Chicago, IL 60607
Issuance Date: 12/22/2017

Summary of Penalties for Inspection Number	1245161
Citation 1, Serious	\$50194.00
TOTAL PROPOSED PENALTIES	\$50194.00

To avoid additional charges, please remit payment promptly to this Area Office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: "DOL-OSHA". Please indicate OSHA's Inspection Number (indicated above) on the remittance. You can also make your payment electronically on 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 \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

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



Angelina Loftus

Area Director



Date