

U.S. Department of Labor

Occupational Safety and Health Administration
Calumet City Area Office
1600 167th Street, Suite 9
Calumet City, IL 60409
Phone: (708)891-3800 FAX: (708)862-9659



Citation and Notification of Penalty

To:
Electronic Plating Company
and its successors
P. O. Box 50469
Cicero, IL 60650

Inspection Number: 315157792
Inspection Date(s): 05/11/2011 -10/21/2011
Issuance Date: 11/03/2011

Inspection Site:
1821 S. 54th Ave.
Cicero, IL 60650

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 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. **The penalty dollar amounts need not be posted and may be marked out or covered up prior to posting.**

Internet Posting - 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, but not sooner than 30 calendar days after the Citation Issuance Date. 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.

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 page 4 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. Please contact our office at 708-891-3800 to schedule an informal conference.

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.**

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

Notification of Corrective Action - For violations which you do not contest, you must notify the U.S. Department of Labor Area Office promptly by letter that you have taken appropriate corrective action within the time frame set forth on this Citation. Please inform the Area Office in writing of the abatement steps you have taken and of their dates, together with adequate supporting documentation, e.g., drawings or photographs of corrected conditions, purchase/work orders related to abatement actions, air sampling results, etc.

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.



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.22(a)(1): Place(s) of employment were not kept clean and orderly, or in a sanitary condition:

a. Plating Lines - On or about May 11, 2011, various work areas were not kept orderly in that loose floor boards and uneven walking surfaces were traveled across by employees on a daily basis. Employees were thereby exposed to tripping hazards at the following locations.

1. Cadmium Plating Line
2. Cadmium Pretreatment/Pollution Area
3. Zinc Plating Line # 3
4. Waste treatment Area

Date By Which Violation Must be Abated:	12/20/2011
Proposed Penalty:	\$ 3500.00



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.23(c)(1): Open sided floor(s) or platform(s) 4 feet or more above the adjacent floor or ground level were not guarded by standard railings (or the equivalent as specified in 29 CFR 1910.23(e)(3)(i) through (v)), on all open sides:

a. Filter Tank Area - On or about May 11, 2011, an employee was required to work on the following open sided platforms:

1. Cadmium Filter Tank/Pretreatment Area: 5 Feet 6 inches above ground level
2. Zinc Filter Tank/Pretreatment Area: 12 Feet above ground level

The open sided platforms were not provided with a standard guard railing thereby exposing employees to fall hazards.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 4900.00

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

29 CFR 1910.23(c)(3): Standard railing(s) were not provided on open sided platform(s) adjacent to dangerous equipment:

a. Cadmium Plating Line - On or about May 11, 2011, an employee was required to work on an open sided platform adjacent to a Cadmium plating solution tank. The open sided platform was not provided with a standard guard railing thereby exposing employees to fall hazards.

Date By Which Violation Must be Abated: 12/20/2011



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.147(c)(1): The employer did not establish an energy control program consisting of energy control procedures, employee training and periodic inspections to ensure that before any employee performed any servicing or maintenance on a machine or equipment where the unexpected energizing, start up or release of stored energy could occur and cause injury, the machine or equipment would be isolated, and rendered inoperative:

a. Plating lines - On or about May 11, 2011, the employer had not implemented an energy control program for employees performing service and/or maintenance on such equipment including, but not limited to, the hoist motor, dryer machines, motor/gear boxes and the dichromate machine. Employees were thereby exposed to the hazards associated with the unexpected energization of equipment.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 4900.00

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

1910.178(l)(1)(i): The employer did not ensure that each powered industrial truck operator was competent to operate a powered industrial truck safely, as demonstrated by the successful completion of the training and evaluation specified in this paragraph (l):

a. Facility - On or about May 11, 2011 employees were required to operate powered industrial vehicles (forklifts). The employees did not receive training on the safe operation of powered industrial vehicles.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 4900.00

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.212(a)(1): Machine guarding was not provided to protect operator(s) and other employees from hazard(s) created by rotating parts.

a. Zinc Line No.2&3 - On or about May 11, 2011, employees were required to open the lids of dryers to remove baskets. The baskets continued to rotate after the lids of the dryers were opened. Employees were thereby exposed to the hazards of unguarded rotating drum baskets.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 4900.00

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

29 CFR 1910.303(g)(2)(i): Live parts of electric equipment operating at 50 volts or more were not guarded against accidental contact by approved cabinets or other forms of approved enclosures, or other means listed under this provision:

a. Plating Lines - On or about May 11, 2011, the following electrical equipment components in the both zinc and cadmium plating lines were not guarded and/or properly installed.

1. The cable raceways were damaged exposing energized parts.
2. The motor conduit boxes were unguarded exposing energized parts.

Employees were thereby exposed to electrical hazards associated with live (energized) parts.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 4900.00



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.332(b)(1): Employees were not trained in and familiar with the safety related work practices required by 29 CFR 1910.331 through 29 CFR 1910.335 that pertained to their respective job assignments:

a. Cadmium Plating Line - On or about June 23, 2011, employee(s) required to perform voltage testing on the coil leads of a 220 Volt motor starter, were not provided with training in the safety related work practices emphasized in 29 CFR 1910.331 - 1910.335. The employee(s) was thereby exposed to the hazards associated with electrical shock and arc flash/ blasts.

NOTE: 29 CFR 1903.19 REQUIRES THAT YOU PROVIDE CERTIFICATION AND DOCUMENTATION OF ABATEMENT FOR THIS ITEM.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 4900.00

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

29 CFR 1910.333(b)(2)(i): The employer did not maintain a copy of the written procedures outlined in 29 CFR 1910.333 (b)(2) and did not make it available for inspection by employees:

a. Cadmium Plating Line - On or about June 23, 2011, the employer did not maintain written electrical safety-related work practice procedures outlined in 29 CFR 1910.333(b)(2) for employees required to perform voltage testing on a 220 Volt motor starter.

Date By Which Violation Must be Abated: 12/20/2011



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

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

a. Cadmium Plating Line - On or about June 23, 2011, employee(s) were required to perform voltage testing on a 220 Volt motor starter. The employee(s) was not provided with electrical protective equipment including but not limited to fire retardant clothing, hard hat, face shield, safety glasses and voltage rated gloves. The employee(s) was thereby exposed to the hazards associated with electrical shock and arc flash/ blasts.

Date By Which Violation Must be Abated:

12/20/2011

A handwritten signature in black ink, appearing to read "G. Anderson", written over a horizontal line.

Gary J. Anderson
Area Director

U.S. Department of Labor

Occupational Safety and Health Administration
Calumet City Area Office
1600 167th Street, Suite 9
Calumet City, IL 60409
Phone: (708)891-3800 FAX: (708)862-9659



INVOICE/ DEBT COLLECTION NOTICE

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650
Issuance Date: 11/03/2011

Summary of Penalties for Inspection Number 315157792

Citation 1, Serious = \$ 32900.00
TOTAL PROPOSED PENALTIES = \$ 32900.00

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.

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

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 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.



Gary J. Anderson
Area Director

11/2/11

Date

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

If the hazards itemized on this citation(s) are not abated/corrected and a follow-up inspection is conducted, your establishment may receive a Failure to Abate Citation for the uncorrected hazards with subsequent additional monetary penalties of up to thirty (30) times the original penalty amount of the uncorrected hazards.

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

U.S. Department of Labor

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Citation and Notification of Penalty

To:
Electronic Plating Company
and its successors
P. O. Box 50469
Cicero, IL 60650

Inspection Number: 315157800
Inspection Date(s): 05/11/2011 -07/20/2011
Issuance Date: 11/03/2011

Inspection Site:
1821 S. 54th Ave.
Cicero, IL 60650

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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.

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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.



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.124(h)(4): Employees who worked with chromic acid were not provided with periodic examinations of their exposed body parts, especially their nostrils:

On or about May 11, 2011, in the facility, employees required to work with Chromic Acid (chromate conversion coatings) were not provided with periodic examinations of their exposed body parts, especially their nostrils.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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

1910.132 (a): Protective clothing was not provided and used wherever it was necessary by reason of hazards of environment encountered in a manner capable of causing injury through physical contact:

On or about May 11, in the facility, employees required to perform plating operations were exposed to the hazard of skin contact (i.e. arm, torso) with injurious chemicals, including, but not limited to, Hydrochloric Acid and Sodium Hydroxide. Protective clothing, such as an impermeable apron and gauntlet type impermeable gloves, were not used to protect against injury. Plating operations where the potential of skin contact from chemical splashes existed included, but were not limited to: parts dipping by hand, parts dipping by barrel and chemical additions to plating tanks.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

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

29 CFR 1910.132(f)(1): The employer did not provide training to each employee who is required by this section to use personal protective equipment (PPE):

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to chemical and physical hazards necessitating the use of personal protective equipment. The employer did not provide training to each employee required by this section to use personal protective equipment.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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

29 CFR 1910.132(f)(4): The employer did not verify through a written certification that each affected employee had received and understood personal protective equipment training as required by 29 CFR 1910.132(f)(1)-29 CFR 1910.132(f)(3):

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to chemical and physical hazards necessitating the use of personal protective equipment. The employer did not verify, through a written certification, that each affected employee had received and understood the required training.

Date By Which Violation Must be Abated: 12/20/2011

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.133(a)(1): Protective eye equipment was not required where there was a reasonable probability of injury that could be prevented by such equipment:

On or about May 11, 2011, at Zinc Line #4, employee(s) required to perform plating operations were exposed to the hazard of eye contact with injurious chemicals, including, but not limited to, Hydrochloric Acid and Sodium Hydroxide. Protective equipment, such as safety glasses or chemical splash goggles, was not used to protect against injury. Employee(s) wore only non-safety prescription glasses. Plating operations where the potential existed for chemical splashes included: manual and automated barrel parts dipping and chemical additions to tanks.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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

29 CFR 1910.141(g)(2): Employees were permitted to consume food or beverage in area(s) exposed to toxic materials:

On or about May 11, 2011, in the facility, employees required to perform plating operations were permitted to consume food and/or beverage at the Zinc, Cadmium, Copper, Nickel and Chromate plating lines. In addition to metals, toxic chemicals at the plating lines included, but were not limited to, acids, alkalis, chromates, and cyanides. Food and/or beverages were consumed approximately 3 to 4 feet from chemical plating tanks.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.253(b)(4)(iii): Oxygen cylinders in storage were not separated from fuel-gas cylinders or combustible materials (especially oil or grease), a minimum distance of 20 feet (6.1 m) or by a noncombustible barrier at least 5 feet (1.5 m) high having a fire-resistance rating of at least one-half hour:

On or about May 11, 2011, employees required to perform plating and maintenance operations were exposed to the hazards of fire and/or explosion due to oxygen cylinders being stored side-by-side with acetylene cylinders in the workplace. Cylinders were stored inside the building at the "maintenance area" where employees were present throughout the work shift.

Date By Which Violation Must be Abated: 11/22/2011
Proposed Penalty: \$ 3500.00

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

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

29 CFR 1910.1027(l)(1)(i)(A): The employer did not institute a medical surveillance program for all employees who were or could be exposed to cadmium at or above the action level:

On or about June 23, 2011, in the facility, an employee (Operator) required to perform cadmium plating daily was exposed to airborne cadmium dust at a level of 3.7 micrograms per cubic meter of air as an 8-hour time-weighted average (8-hr TWA), approximately 1.48 times the action level of 2.5 micrograms per cubic meter of air (8-hr TWA).

The employer did not institute a medical surveillance program for all employees who were or could be exposed to cadmium at or above the action level.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.1027(m)(4)(i): The employer did not institute a training program for all employees who are potentially exposed to cadmium, ensure employee participation in the program, and maintain a record of the contents of such program:

On or about June 30, 2011, in the facility, an employee (Operator) required to perform cadmium plating daily was exposed to airborne cadmium dust at a level of 3.7 micrograms per cubic meter of air as an 8-hour time-weighted average (8-hr TWA), approximately 1.48 times the action level of 2.5 micrograms per cubic meter of air (8-hr TWA).

The employer did not institute a training program for all employees who were potentially exposed to cadmium.

Date By Which Violation Must be Abated: 12/20/2011

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

29 CFR 1910.1200(e)(1): The employer did not develop, implement, and/or maintain at the workplace a written hazard communication program which describes how the criteria specified in 29 CFR 1910.1200(f), (g), and (h) will be met:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. The employer did not develop, implement, and/or maintain at the workplace a written hazard communication program describing how the required criteria will be met. The employer had a written "fill in the blank" hazard communication program that was not completed or site specific.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

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

29 CFR 1910.1200(f)(5)(i): The employer did not ensure that each container of hazardous chemicals in the workplace was labeled, tagged or marked with the identity of the hazardous chemical(s) contained therein:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. Plating tanks and containers including, but not limited to the following, were not labeled, tagged or marked with the identity of the chemical(s) contained therein:

- a. Zinc, Cadmium, Nickel, Chromate plating line tanks
- b. 5 gallon plastic containers of yellow chromate
- c. 55 gallon containers of zinc sludge

Date By Which Violation Must be Abated:	12/20/2011
Proposed Penalty:	\$ 3500.00



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.1200(f)(5)(ii): The employer did not ensure that each container of hazardous chemicals in the workplace was labeled, tagged or marked with the appropriate hazard warnings:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. Plating tanks and containers including, but not limited to the following, were not labeled, tagged or marked with the appropriate hazard warnings:

- a. Zinc, Cadmium, Nickel, Chromate plating line tanks
- b. 5 gallon plastic secondary containers of yellow chromate
- c. 55 gallon secondary containers of zinc sludge

Date By Which Violation Must be Abated: 12/20/2011

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

29 CFR 1910.1200(g)(1): The employer did not have a material safety data sheet in the workplace for each hazardous chemical which they used:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. The employer did not maintain copies of the required material safety data sheet for each hazardous chemical in the workplace. Copies of material safety data sheets were not maintained in the workplace for the following hazardous chemicals:

- a. Electro-Cleaner (MAXAMP E-15-X)
- b. Sodium Hydroxide
- c. Ammonium Chloride

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

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

29 CFR 1910.1200(h)(2)(iii): The employer did not provide information to the employees as to the location and availability of the written hazard communication program, and material safety data sheets required by this section:

On or about May 11, 2011, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. Each affected employee had not been provided with information as to the location and availability of the written hazard communication program, and material safety data sheets required by this section.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 3500.00

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

29 CFR 1910.1200(h)(3)(ii): The employer did not provide training to the employees as to the physical and health hazards of the chemicals in their work area:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. Each affected employee had not been provided training on the physical and health hazards of the chemicals in their work area.

Date By Which Violation Must be Abated: 12/20/2011

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.1200(h)(3)(iii): Employee training did not include the measures employees can take to protect themselves from chemical hazards, including specific procedures the employer had implemented to protect employees from exposure to hazardous chemicals:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to contact with hazardous chemicals such as acids, alkalis, chromates, metals and cyanides. Each affected employee was not trained on the measures employees can take to protect themselves from chemical hazards such as appropriate work practices, emergency procedures and personal protective equipment to be used.

Date By Which Violation Must be Abated: 12/20/2011



Citation and Notification of Penalty

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.95(c)(1): A continuing, effective hearing conservation program as described in 29 CFR 1910.95(c) through (n) was not instituted when employee noise exposures equaled or exceeded an 8-hour time weighted average sound level (TWA) of 85 dBA or 50% of the permissible exposure limit of 90 dBA:

On or about June 23, 2011, in the facility, employees required to perform plating operations were exposed to noise in excess of 85 dBA (8-hr TWA) or 50% of the permissible exposure limit of 90 dBA. A continuing, effective hearing conservation program had not been instituted to protect employees against the hazard of hearing loss:

1. An employee operating Zinc Line #2 was exposed to continuous noise at 195.9% of the permissible daily noise exposure (8-hour time-weighted average sound level of 90 dBA) or an equivalent sound level of approximately 94.9 dBA during the 431 minute sampling period. Zero exposure assumed for the 49 minutes not sampled.
2. An employee operating Zinc Line #3 was exposed to continuous noise at 152.8% of the permissible daily noise exposure (8-hour time-weighted average sound level of 90 dBA) or an equivalent sound level of approximately 93.0 dBA during the 443 minute sampling period. Zero exposure assumed for the 37 minutes not sampled.
3. An employee handling parts on Zinc Line #2 was exposed to continuous noise at 147.1% of the permissible daily noise exposure (8-hour time-weighted average sound level of 90 dBA) or an equivalent sound level of approximately 92.8 dBA during the 429 minute sampling period. Zero exposure assumed for the 51 minutes not sampled.
4. An employee handling parts on Zinc Line #3 was exposed to continuous noise at 143.0% of the permissible daily noise exposure (8-hour time-weighted average sound level of 90 dBA) or an equivalent sound level of approximately 92.6 dBA during the 443 minute sampling period. Zero exposure assumed for the 37 minutes not sampled.
5. An employee operating the Nickel Line was exposed to continuous noise at 73.9% of the permissible daily noise exposure (8-hour time-weighted average sound level of 90 dBA) or an equivalent sound level of approximately 87.8 dBA during the 441 minute sampling period. Zero exposure assumed for the 39 minutes not sampled.

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

Date By Which Violation Must be Abated:	12/20/2011
Proposed Penalty:	\$ 38500.00

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

29 CFR 1910.151(c): Where employees were exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body were not provided within the work area for immediate emergency use:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to the hazard of contact with injurious corrosive materials, including, but not limited to, Hydrochloric Acid and Sodium Hydroxide. Facilities for quick drenching or flushing of the eyes and body, such as an emergency eyewash and shower, were not provided within the area for immediate use. The emergency eyewash and shower stations that were available within the work area were not suitable/functionable due to corroded and/or missing piping, eyelets and bowls. Each affected employee that performed plating operations was not required to use, and did not use, protective eye equipment such as safety glasses and/or chemical splash goggles.

Date By Which Violation Must be Abated:	12/20/2011
Proposed Penalty:	\$ 38500.00

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1904.29(a): A Log of all Work-Related Injuries and Illnesses (OSHA Form 300), and/or the Summary of Work-Related Injuries and Illnesses (OSHA Form 300-A), and/or the Injury and Illness Incident Report (OSHA Form 301) or equivalent forms were not kept by the establishment:

On or about May 11, 2011, in the facility, the employer did not use OSHA 300 and 300A forms, or equivalent forms, for recordable injuries and illnesses that occurred during the past 3 years, including 2008, 2009, 2010 and year-to-date 2011.

Date By Which Violation Must be Abated: 12/06/2011
Proposed Penalty: \$ 3000.00

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

29 CFR 1910.124(g)(3): At least one basin with a hot-water faucet was not available for every 10 employees who worked with liquids that may burn, irritate, or otherwise harm their skin:

On or about May 11, 2011, in the facility, employees required to perform plating operations were exposed to the hazard of contact with injurious chemicals, including, but not limited to, Hydrochloric Acid and Sodium Hydroxide. At least one basin with a hot-water faucet was not available for every 10 employees.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 0.00

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: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650

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

29 CFR 1910.134(c)(2)(ii): The employer did not establish and implement those elements of a written program necessary to ensure that any employee using a respirator voluntarily was medically able to use that respirator, and that the respirator was cleaned, stored and maintained so as not to create a health hazard to the user:

On or about May 11, 2011, in the facility, an employee required to perform waste water/pollution treatment operations was provided and wore a half-mask air-purifying respirator on a voluntary basis. The employer did not establish and implement a written program for voluntary use of respirators including elements for medical evaluation and user training.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 0.00

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

29 CFR 1910.141(d)(2)(ii): Lavatories were not provided with hot and cold, or tepid running water:

On or about May 11, 2011, in the facility, lavatories were not provided with hot or tepid running water for employees.

Date By Which Violation Must be Abated: 12/20/2011
Proposed Penalty: \$ 0.00



Gary J. Anderson
Area Director

U.S. Department of Labor

Occupational Safety and Health Administration
Calumet City Area Office
1600 167th Street, Suite 9
Calumet City, IL 60409
Phone: (708)891-3800 FAX: (708)862-9659



INVOICE/ DEBT COLLECTION NOTICE

Company Name: Electronic Plating Company
Inspection Site: 1821 S. 54th Ave., Cicero, IL 60650
Issuance Date: 11/03/2011

Summary of Penalties for Inspection Number 315157800

Citation 1, Serious	= \$	38500.00
Citation 2, Willful	= \$	77000.00
Citation 3, Other	= \$	3000.00
TOTAL PROPOSED PENALTIES	= \$	118500.00

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.

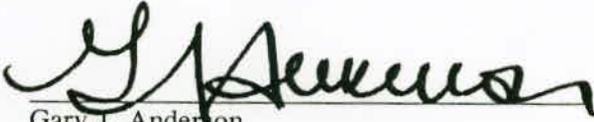
OSHA does not agree to any restrictions or conditions or endorsements put on any check or money order for less than full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

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 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.



Gary J. Anderson
Area Director

11/2/11
Date

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

If the hazards itemized on this citation(s) are not abated/corrected and a follow-up inspection is conducted, your establishment may receive a Failure to Abate Citation for the uncorrected hazards with subsequent additional monetary penalties of up to thirty (30) times the original penalty amount of the uncorrected hazards.

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