

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:
Illinois Gun Works, Ltd.
and its successors
7229 W. Grand Avenue,
Elmwood Park, IL 60707

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012

Inspection Site:
7229 W. Grand Avenue
Elmwood Park, IL 60707

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.

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.

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 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, 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 06/08/2012. The conference will be held at the OSHA office located at 701 Lee Street,, 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: 110282

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707
Issuance Date: 06/08/2012

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.



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.95(b)(1): When employees were subjected to sound exceeding those listed in Table G-16, feasible administrative or engineering controls were not utilized:

On or about 21 January 2012, the employer did not utilize and/or implement feasible engineering and/or administrative controls to reduce sound levels to acceptable intensities within the levels of Table G-16:

- a) A gun range instructor conducting shooter instruction classes was exposed to continuous noise levels at 369.0% of the allowable 8 hour time-weighted average (TWA) permissible exposure level (PEL) of 90 dB-A. The equivalent dB-A level of 369.0% for 479 minutes is approximately 99.4 dBA. Zero exposure was assumed for the un-sampled period of time of 1 minute. The period of time of 479 minutes was selected to represent the worst continuous 8-hour work period.
- b) A gun range instructor conducting shooter instruction classes was exposed to continuous noise levels at 382.9% of the allowable 8 hour time-weighted average (TWA) permissible exposure level (PEL) of 90 dB-A. The equivalent dB-A level of 382.9% for 479 minutes is approximately 99.7 dBA. Zero exposure was assumed for the un-sampled period of time of 1 minute. The period of time of 479 minutes was selected to represent the worst continuous 8-hour work period.

General methods of control applicable in these circumstances include, but are not limited to:

- 1) Installation of wall panels and ceiling baffles made of acoustical absorption material: i.e. flexible, fiberglass material, mineral or wood fiber boards or sound absorbent blankets to reduce the noise exposure from reverberating gunshot sounds.
- 2) Limit the length of time instructors spend in the range by rotating assignments and/or changing shooter instruction schedules.
- 3) Selection and use of handguns of smaller caliber, such as, but not limited to, .22LR for shooter instruction classes instead of larger caliber, such as, but not limited to, 9mm Luger and/or .45 Colt.
- 4) Prohibition of any shotgun and/or rifles firing in the gun range.



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

ABATEMENT NOTE:

Step 1 - The employer shall continue to provide and require the use of dual hearing protection with the highest noise attenuation rating by Gun Range Instructors, whenever operating in the Gun Range during the shooter instruction classes, and/or while the range is open to the public. In addition, an effective hearing conservation program shall be implemented and used by the affected employee(s).

Abatement Date: July 23, 2012

Step 2 - A written detailed plan of abatement shall be submitted to the Area Director listing a schedule for the implementation of engineering and/or administrative measures to control employee exposures to noise as referenced in this citation. This plan shall include, at the minimum, target dates for the following actions, which must be consistent with the dates required by this citation:

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

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

Abatement Date: September 4, 2012

Step 3 - Abatement shall have been completed by the implementation of feasible engineering and/or administrative controls upon verification of their effectiveness in achieving compliance.

Abatement Date: October 17, 2012

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

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Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 of abatement, or other written records.

Date by which Violation must be Abated: 10/17/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.95(c)(1): The employer did not administer a continuing, effective hearing conservation program as described in 29 CFR 1910.9(c) through (o) whenever employee noise exposures equal or exceed an 8-hour time-weighted average sound level of 85 decibels measured on the A scale, or equivalently a dose of fifty percent:

On or about 21 January 2012, the employer did not implement and administer a continuing, effective hearing conservation program for Gun Range Instructors exposed to noise exceeding the 8-hour Time Weighted Average (TWA) sound level of 85 decibels:

Elements of an effective hearing conservation program include:

- 1) Monitoring of employee noise exposure;
 - 2) The institution of engineering, work practice and administrative controls for excessive noise;
 - 3) The provision of each overexposed employee with an individually fitted hearing protector with an adequate noise reduction rating;
 - 4) Employee training and education regarding noise hazards and protection measures;
 - 5) Baseline and annual audiometry;
 - 6) Procedures for preventing further occupational hearing loss by an employee whenever such an event has been identified;
 - 7) Record keeping
- a) A gun range instructor conducting shooter instruction classes was exposed to continuous noise levels at 381.0% of the allowable time-weighted average (TWA) sound action level of 84.3 dBA. The equivalent dB-A level of 381.0% for 537 minutes is approximately 99.6 dBA.

NOTE: The 8-hour TWA sound level of 85 dB-A which triggers the requirement of a hearing conservation program (HCP), can be adjusted for work shifts less than or longer than 8 hours. When



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

making the adjustment the following formula is used: $AL = 90 + 16.61 \times \text{Log} \{50 / \{12.5(\text{hours})\}\}$. Affected employee was exposed to continuous noise levels over 537 minute work shift. Therefore the TWA sound level that triggers the requirement for a HCP was reduced to 84.3 dBA.

b) A gun range instructor conducting shooter instruction classes was exposed to continuous noise levels at 404.7% of the allowable time-weighted average (TWA) sound action level of 84.2 dBA. The equivalent dBA level of 404.7% for 550 minutes is approximately 100.0 dBA.

NOTE: The 8-hour TWA sound level of 85 dBA that triggers the requirement of a hearing conservation program (HCP) can be adjusted for work shifts less than or longer than 8 hours. When making the adjustment the following formula is used: $AL = 90 + 16.61 \times \text{Log} \{50 / \{12.5(\text{hours})\}\}$. Affected employee was exposed to continuous noise levels over a 550 minute work shift. Therefore the TWA sound level that triggers the requirement for a HCP was reduced to 84.2 dBA.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.95(j)(2): Hearing protectors did not attenuate employee exposure at least to an 8-hour time-weighted average of 90 decibels as required by 29 CFR 1910.95(b):

On or about 21 January 2012, the employer did not provide the gun range instructor(s) hearing protection that attenuated employee exposure to at least an 8-hour Time Weighted Average (TWA) of 90 decibels. Gun range instructors exposed to continuous noise levels in excess of the OSHA Permissible Exposure Level (PEL) of 90 dB-A during the shooter instruction classes had access only to hearing protection (muffs) with a noise reduction rating (NRR) no greater than 22 dB. Sound Level Meter measurements indicated presence of impact noise from gun shots as high as 121.5 dB-A.

- a) A Gun Range Instructor used single hearing protection: 3M Peltor ShotGunner Muffs, NRR=21 dB, SKU: 97012-00000 during the shooting exercises. He was exposed to continuous noise levels at 369.0% of the allowable 8 hour time-weighted average (TWA) sound level of 90 dB-A. The equivalent dB-A level of 369.0% for 479 minutes is approximately 99.4 dB-A. Zero exposure was assumed for the un-sampled period of time of 1 minute. The period of time of 479 minutes was selected to represent the worst continuous 8-hour work period.
- b) A Gun Range Instructor used single hearing protection: Howard Leight Electronic Impact sport Muffs, NRR=22 dB, SKU: R-01526 during the shooting exercises. He was exposed to continuous noise levels at 382.9% of the allowable 8 hour time-weighted average (TWA) sound level of 90 dB-A. The equivalent dB-A level of 382.9% for 479 minutes is approximately 99.7 dB-A. Zero exposure was assumed for the un-sampled period of time of 1 minute. The period of time of 479 minutes was selected to represent the worst continuous 8-hour work period.

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.133(a)(3): The employer did not ensure that each affected employee, who wore prescription lenses while engaged in operations that involved eye hazards, used protection that incorporated the prescription in its design, or wore eye protection over the prescription glasses or protective lenses with side shields.

The employer did not provide Gun Range Instructor(s) whose vision required the use of corrective lenses, goggles or safety glasses that could be worn over corrective spectacles without disturbing the adjustment of spectacles.

a) A gun range instructor conducting shooter instruction was not wearing appropriate ANSI Z87+ rated eyewear, relying instead on his vision correction spectacles. During the live fire, the instructor stayed close to the trainee(s) to check their line of sight and was exposed to eye injuries from the hot, sharp, flying spent ammunition cartridges being ejected by the semi-automatic handguns.

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

06/15/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.134(c)(1): In any workplace where respirators are necessary to protect the health of the employees or whenever respirators are required by the employer, the employer did not establish and implement a written respiratory protection program with required worksite-specific procedures:

a) The employer did not establish and implement a written respiratory protection program in accordance with 29 CFR 1910.134 (c)(1) that would describe or include at least the following:

- 1) Procedures for selecting respirators;
- 2) Worksite specific procedures;
- 3) Medical evaluations;
- 4) Fit testing procedures;
- 5) Procedures for proper use of respirators in routine and reasonably foreseeable emergency;
- 6) Procedures and schedules for cleaning, storing, inspecting, repairing and discarding respirators;
- 7) Employee training regarding respiratory hazards they are exposed to, proper use and limitations of respirators; and
- 8) Procedures for regularly evaluating the effectiveness of the respirator program

On or about 21 January 2012, the employer required of the gun range instructors to wear Half Mask Negative Pressure Respirator(s) [3M Model 6200 with P100/Organic Vapor Cartridges and MSA Advantage 200 with GMA/Organic Vapor Cartridges, respectively] during the gun range clean-up activities which include, but are not limited to, dry-sweeping spent ammunition shells and paper targets. The employer did not ensure that where respirators were required, a written respiratory protection program was established and maintained.

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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**

29 CFR 1910.134(d)(1)(i): Selection of appropriate respirators was not based on the respiratory hazard(s) to which the worker was exposed and user factors that affect respirator performance and reliability:

(a) On or about 21 January 2012, the employer did not select and provide an appropriate respirator cartridge based on the respiratory hazards to which the worker was exposed. A gun range instructor was required to wear a MSA Advantage 200 Half Mask Negative Pressure Respirator fitted with GMA/Organic Vapor Cartridges during the gun range clean-up activities which include, but are not limited to, dry-sweeping spent ammunition shells and paper targets. The GMA/OV cartridges did not provide respiratory protection against airborne particulate matter containing hazardous chemicals including, but not limited to, lead and copper.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.134(d)(3)(i)(B)(1): The employer did not select a respirator for employee use that maintained the employee's exposure to the hazardous substance, when measured outside the respirator, at or below the maximum use concentration:

a) On or about 21 January 2012, the employer did not select a respirator for a Gun Range Instructor's use that maintained the employee exposure at or below the Maximum Use Concentration (MUC).

The employer required of the gun range instructor(s) to wear a Half Mask Negative Pressure Respirator(s) [3M Model 6200 with P100/Organic Vapor Cartridges and/or MSA Advantage 200 with GMA/Organic Vapor Cartridges, respectively]. Personal air monitoring conducted on 21-January-2012 indicated that a Gun Range Instructor was exposed to airborne lead concentrations of 0.558 milligrams per cubic meter (mg/m³) which exceeded the Permissible Exposure Limit (PEL) of 0.044 mg/m³ by approximately 12.6 times. This limit was established to prevent lead poisoning. Half Mask Negative Pressure Respirators are assigned a Protection Factor of 10. The airborne lead concentration measured exceeded the Maximum Use Concentration for the respirator(s).

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.134(f)(2): Employee(s) using tight-fitting facepiece respirators were not fit tested whenever a different respirator facepiece (size, style, model or make) was used:

a) On or about 21 January 2012, the employer required of employee(s) to wear Half Mask Negative Pressure Respirator(s) (3M Model 6200 with P100/Organic Vapor Cartridges and/or MSA Advantage 200 with GMA/Organic Vapor Cartridges) during the gun range clean-up activities. Gun Range

Instructors engaged in the gun range clean-up activities which include, but are not limited to, dry-sweeping spent ammunition shells and paper targets. The employer did not ensure that employees using a tight-fitting facepiece respirator were fit-tested either qualitatively (QLFT) or quantitatively (QNFT) prior to the initial use of the respirator.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012

Proposed Penalty:

\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 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) From 14 December 2011 through 21 January 2012, the employer required of employee(s) to wear Half Mask Negative Pressure Respirator(s) (3M Model 6200 with P100/Organic Vapor Cartridges and/or MSA Advantage 200 with GMA/Organic Vapor Cartridges) during the gun range clean-up activities.

The employer did not have a cleaning schedule for respirators and did not ensure that Half Mask Negative Pressure Respirator(s) were cleaned and disinfected as often as necessary to be maintained in a sanitary condition. The inside parts of the respirators used by Gun Range Instructors were found to be contaminated with lead and copper while the outside contamination additionally included antimony and iron.

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

07/23/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

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 facepiece and exhalation valve:

a) From 14 December 2011 through 21 January 2012, the employer required respirators to be used by employee(s) during the gun range clean-up activities. The employer did not ensure that that Half Mask Negative Pressure Respirator(s) (3M Model 6200 with P100/Organic Vapor Cartridges and/or MSA Advantage 200 with GMA/Organic Vapor Cartridges) were stored in a manner that would protect them from lead contamination. The Half Mask Negative Pressure Respirator(s) were stored in the open, inside a lead-contaminated office, and were found to be contaminated with hazardous chemicals including, but not limited to: lead, copper, antimony and iron.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 1910.134(k)(1): The employer did not provide respirator training that would ensure each employee could demonstrate knowledge of items in section (i)-(vii):

a) On or about 21 January 2012, the employer required of the employees to wear Half Mask Negative Pressure Respirator(s) (3M Model 6200 with P100/Organic Vapor Cartridges and/or MSA Advantage 200 with GMA/Organic Vapor Cartridges) during the gun range clean-up activities. The employer did not ensure that Gun Range Instructor(s) demonstrated knowledge why the respirator was necessary and how improper fit, usage or maintenance can compromise the protective effect of the respirator.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 1 Item 9 b 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:

On or about 21 January 2012, the employer did not provide training to each Gun Instructor who was required by the employer to wear personal protective equipment (PPE) including but not limited to gloves.

- a) A gun range instructor conducting shooter instruction was observed reaching down on the range floor to collect a loaded handgun cartridge. The employee was not wearing any hand protection such as gloves. The gun range floor was contaminated with lead. The gun had misfired and it required manual cycling of the barrel slide to remove the defective round which then fell on the gun range floor.
- b) A gun range instructor whose duties included but were not limited to conducting shooter training classes; gun range cleaning activities and assisting customers on the range, tested positive for lead contamination of his hands on 14-December-2011 (up to 481.6 micrograms lead) and 19-January-2012 (up to 539.2 micrograms lead).

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.138(a): The employer did not select and require employees to use appropriate hand protection when employees' hands were exposed to hazardous condition(s).

On or about 21 January 2012, the employer did not require Gun Range Instructors to use appropriate hand protection when employees' hands were exposed to lead contamination hazards that could result in skin irritation and accidental lead ingestion.

- a) A gun range instructor was observed reaching down on the range floor to collect a loaded handgun cartridge. The employee was not wearing any hand protection such as gloves. The gun range floor was contaminated with lead.
- b) A gun range instructor dry-swept the range floor of spent ammunition at the end of the first instruction class. The employee was observed handling the lead-contaminated broom handle without wearing gloves. The broom handle had a surface load of up to 2680 micrograms of lead.
- c) A gun range instructor whose duties included but were not limited to conducting shooter training classes; gun range cleaning activities and assisting customers on the range, tested positive for lead contamination of his hands on 14-December-2011 (up to 481.6 micrograms lead) and 19-January-2012 (up to 539 micrograms lead).

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

06/15/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 11 a Type of Violation: **Serious**

29 CFR 1910.1025(c)(2): Employee(s) were exposed to lead for more than eight -8 hours during the work day in excess of the reduced permissible exposure limit:

On or about 21 January 2012, Gun range instructors were assigned duties including but not limited to shooter instruction classes and gun range clean-up activities, such as, dry-sweeping spent ammunition shells and paper targets. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that two employee(s) were exposed to airborne lead concentrations which exceeded the OSHA Permissible Exposure Level (PEL). The limit was established to prevent adverse the health effects of lead intoxication including but not limited to: neurodevelopmental and neurobehavioral effects; lowered IQ; reproductive effects and reduced fertility; decreased nerve conduction velocity and peripheral neuropathy; elevated blood pressure; lowered vitamin D levels; reduced hemoglobin levels; diminished glomerular filtration rate (kidney functions); enzymuria and proteinuria (presence of enzymes/proteins in urine); fluctuating thyroid hormone levels; depressed hemoglobin levels.

a) Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that a Gun Range Instructor was exposed to airborne lead concentrations of 0.558 milligrams per cubic meter (mg/m³) which exceeded the Permissible Exposure Limit (PEL) of 0.044 mg/m³ by approximately 12.6 times. This limit was established to prevent lead poisoning. In accordance with 29CFR1910.1025, the air sampling was performed for 540 minutes during one extended work-shift and the PEL was adjusted to 0.044 mg/m³ using the formula of MaxPEL (micrograms/m³)=400/(hours worked that day).

b) Personal air monitoring conducted on 21-January-2012 indicated that a Gun Range Instructor was exposed to airborne lead concentrations of 0.316 milligrams per cubic meter (mg/m³) which exceeded the Permissible Exposure Limit (PEL) of 0.044 mg/m³ by approximately 7.2 times. This limit was established to prevent lead poisoning. In accordance with 29CFR1910.1025, the air sampling was performed for 547 minutes during one extended work-shift and the PEL was adjusted to 0.044 mg/m³ using the formula of MaxPEL (micrograms/m³)=400/(hours worked that day).

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 of abatement, or other written records.

Date by which Violation must be Abated: 10/17/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(e)(1)(i): For any employees exposed to lead above the permissible exposure limit for more than 30 days per year the employer did not implement engineering and work practice controls (including administrative controls) were not implemented to reduce and maintain employee exposure to lead :

a) On or about 21 January 2012, the employer did not maintain effective engineering and administrative controls to reduce the employee(s)' exposures to lead below the Permissible Exposure Level (PEL).

Gun range instructors were assigned duties such as shooter training classes as well as gun range clean-up activities including, but not limited to, dry-sweeping spent ammunition shells and paper targets. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that two Gun Range Instructors were exposed to airborne lead concentrations which exceeded the OSHA PEL by approximately 7.2 and 12.6 times, respectively.

Methods of control applicable to these circumstances include but are not limited to:

- Install and maintain an effective supply air and exhaust ventilation system;
- Substitute ammunition with non-lead primer cartridges and non-lead or jacketed bullets designed specifically for firing ranges;
- Establish a regular maintenance and replacement schedule for air filters;
- Clean the gun range and adjacent areas using proper cleaning procedures including, but not limited to, HEPA vacuuming and wet sweeping;
- Eliminate dry-sweeping. Use an engineered brass ammunition broom(s) or similar devices to retrieve spent ammunition shells and cartridges;
- Implement adequate decontamination procedures of Instructors, Supplies, and Equipment;
- Provide instructors with showers to wash; lockers to keep separate street and work clothing (which



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

must be cleaned and/or replaced regularly);

- Designate clean rooms (lunchrooms) to avoid take-home and hand-to-mouth contamination;
- Limit the length of time instructors spend in the range by rotating assignments and/or changing shooter instruction schedules.

ABATEMENT NOTE:

STEP 1: An effective respiratory protection program shall be implemented and used by the affected employee(s) as an interim measure of protection.

Abatement Date: July 23, 2012

STEP 2: A written detailed plan of abatement shall be submitted to the Area Director outlining a schedule for the implementation of engineering and/or administrative measures to control employee exposures to lead as referenced in this citation. This plan shall include, at a minimum, target dates for the following actions, which must be consistent with the dates required by this citation:

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

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

Abatement Date: September 4, 2012

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

STEP 3: Abatement shall have been completed by the implementation of feasible engineering and/or administrative controls upon verification of their effectiveness in achieving compliance.

Abatement Date: October 17, 2012

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 of abatement, or other written records.

Date by which Violation must be Abated:

10/17/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(e)(3)(i): The employer did not establish and implement a written compliance program to reduce exposures to or below the permissible exposure limit, solely by means of engineering and work practice controls:

a) On or about 21 January 2012, the employer did not establish a written compliance program outlining specific engineering and work practice controls to be implemented to reduce employee lead exposures to below the permissible exposure limit (PEL). The written plan shall include at least the requirements set forth in sections 1910.1025(e)(3)(ii)(A)-(H).

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 of abatement, or other written records.

Date by which Violation must be Abated:

09/04/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 12 a Type of Violation: **Serious**

29 CFR 1910.1025(d)(1)(ii): Full shift (for at least seven -7 continuous hours) personal samples for lead were not collected including at least one sample for each shift for each job classification in each work area:

a) The employer did not did not collect full shift personal samples for the gun range instructor(s) working in the range. Gun range instructors were assigned duties which included shooter training, including but not limited to, the Chicago Firearm Permit and the New Shooters Familiarization classes, as well as gun range clean-up activities including, but not limited, to dry-sweeping spent ammunition shells and paper targets.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(d)(2): An initial determination was not made to determine if any employee may be exposed to lead at or above the action level:

a) The employer did not determine if any gun range instructor(s) may be exposed to lead at or above the action level. Gun range instructors were assigned duties such as shooter training classes as well as gun range clean-up activities including, but not limited to, dry-sweeping spent ammunition shells and paper targets. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that an employee(s) were exposed to airborne lead concentrations of 0.316 mg/m³ and 0.558 mg/m³ which exceeded the Action Level of 0.030 mg/m³ by approximately 10.5 and 18.6 times, respectively.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 13 a Type of Violation: **Serious**

29 CFR 1910.1025(e)(4)(i): When ventilation was used to control exposure to lead, measurements which demonstrate the effectiveness of the system in controlling exposure were not made at least every three months:

a) On or about 21 January 2012, the employer did not take measurements that demonstrated the effectiveness of the gun range ventilation system in controlling employees exposures. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that two gun range instructors were exposed to airborne lead concentrations which exceeded the OSHA Permissible Exposure Level (PEL) by 7.2 and 12.6 times, respectively.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(e)(4)(ii): Air from an exhaust ventilation system used to control exposure to lead was recirculated and no controls were monitoring the concentration of lead in the return air:

a) On or about 21 January 2012, the employer did not ensure that the recirculating gun range exhaust air system(s) was equipped with a monitor to determine the concentration of lead in the return air as to ensure the employee(s) exposures to lead were below the Permissible Exposure Level (PEL). Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that two gun range instructors were exposed to airborne lead concentrations which exceeded the OSHA Permissible Exposure Level (PEL) by 7.2 and 12.6 times, respectively.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 14 a Type of Violation: **Serious**

29 CFR 1910.1025(g)(2)(i): Protective clothing required in 29 CFR 1910.1025(g)(1) was not provided in a clean and dry condition at least daily to employee(s) whose exposure levels, without regard to a respirator, exceeded two hundred micrograms per cubic meter as an eight hour time weighted average:

a) On or about 21 January 2012, the employer did not provide clean protective clothing daily to gun range instructors when conducting shooter training classes as well as gun range clean-up activities such as, but not limited to, dry-sweeping spent ammunition shells and paper targets. Gun range instructors were exposed to lead in excess of four (4) times the Lead Permissible Exposure Level (PEL). Personal air monitoring conducted on 21 January 2012 during an extended work shift indicated that two Gun Range Instructors were exposed to airborne lead concentrations of 0.316 mg/m³ and 0.558 mg/m³ which exceeded the PEL by approximately 7.2 and 12.6 times, respectively.

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

07/23/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(g)(2)(ii): The employer did not provide for the cleaning, laundering, or disposal of protective clothing and equipment required by paragraph (g)(1) of this section

a) On or about 19 January 2012, the employer did not ensure that work clothing worn by gun range instructor(s) was cleaned, laundered or disposed of in accordance to 29CFR1910.1925(g)(1). A gun range instructor used the same visibly dirty, contaminated work clothing (shirt and sweater) over a period of at least one month, between 14-Dec-2011 and 19-Jan-2012. The gun range instructor was assigned duties which included shooting training classes as well as gun range clean-up activities including, but not limited to, dry-sweeping spent ammunition shells and paper targets.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(g)(2)(iii): Protective clothing and equipment against lead were not repaired or replaced as needed to maintain their effectiveness:

a) On or about 19 January 2012, employer did not ensure that work clothing worn and protective equipment used by gun range instructor(s) was replaced in order to maintain its effectiveness. A gun range instructor used the same visibly dirty, contaminated work clothing (shirt and sweater) over a period of at least one month, between 14-Dec-2011 and 19-Jan-2012. The gun range instructor was assigned duties which included shooting training classes as well as gun range clean-up activities including but not limited to dry-sweeping spent ammunition shells and paper targets.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(g)(2)(iv): Protective clothing against lead was not removed at the completion of the work shift in change rooms provided for that purpose as prescribed in 29 CFR 1910.1025(i)(2):

On or about 21 January 2012, the employer did not ensure that work clothing worn by gun range instructor(s) was removed at the end of the work shift only in change rooms provided for that purpose. Gun range instructor(s) were assigned duties which included shooter training classes as well as gun range clean-up activities including but not limited to dry-sweeping spent ammunition shells and paper targets. The employer did not have a dedicated change room on the premises. As a result, the gun range instructors left their contaminated clothing in their office out in the open.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

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

a) On or about 19 January 2012, the employer did not assure that contaminated work clothing worn by gun range instructor(s) was placed in a closed container to prevent dispersion of lead outside the container. Gun range instructor(s) were assigned duties which included shooting training classes as well as gun range clean-up activities including but not limited to dry-sweeping spent ammunition shells and paper targets. The employer did not have dedicated containers for contaminated clothing on the premises. As a result, the gun range instructors left their contaminated clothing in their office out in the open.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(h)(2)(i): Floors and/or other surfaces where lead accumulates were cleaned by the use of compressed air:

a) The employer did not prohibit the removal of lead from equipment by compressed air. A gun range instructor was assigned duties which included cleaning rental handguns of the lead, gun powder and fouling accumulated on parts of the pistols. The employee removed excess solvent and lubricant using compressed air.

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

07/23/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 16 a Type of Violation: **Serious**

29 CFR 1910.1025(h)(1): All surfaces were not maintained as free as practicable of accumulations of lead:

a) On or about 19 January 2012, the employer did not assure that surfaces including, but not limited to, computer keyboard(s); pointing device(s), phone(s), chair(s) and table top(s) were maintained as free as practicable of lead accumulations.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(i)(1): The employer did not ensure that food or beverage was not present, or consumed; tobacco products were not present, or used and cosmetics were not applied in areas where employees were exposed to lead in excess of the permissible exposure limit:

a) On or about 21 January 2012, the employer did not ensure that in areas where gun range instructor(s) were exposed to lead above the PEL, food or beverage was not present or consumed except, as established in areas designated by paragraphs (i)(2) through (i)(4). The gun range instructor(s) consumed food and beverage in their office which was contaminated with lead; and which also served as changing place for contaminated work clothing.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(h)(2)(ii): Shoveling, sweeping or brushing methods were used to remove lead accumulations where vacuuming or other equally effective methods were available and feasible:

a) On or about 21 January 2012, the employer did not ensure that Gun Range Instructor(s) did not clean the gun range of spent ammunition shells, casings and paper targets using dry-sweeping methods. On 21-January-2012, two gun range instructors were observed dry-sweeping the range at the end of each shooter training class. Personal air monitoring conducted during range clean-up activities over a period of 5 (five) minutes indicated lead exposure(s) of up to 1.9989 mg/m³ .

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 18 a Type of Violation: **Serious**

29 CFR 1910.1025(i)(2)(i): Clean change rooms were not provided for employees exposed to lead in excess of the permissible exposure limit (PEL), without regard to the use of respirators:

On or about 21 January 2012, the employer did not ensure that clean change rooms were available for gun range instructors exposed to airborne Lead levels above the PEL. Gun range instructor(s) were assigned duties which included shooting training classes, as well as, gun range clean-up activities including, but not limited to, dry-sweeping spent ammunition shells and paper targets. The employer did not have a dedicated change room on the premises.

a) A gun range instructor used the same visibly dirty, contaminated work clothing (shirt and sweater) over a period of at least one month between 14-Dec-2011 and 19-Jan-2012. At the end of each work shift he left his work clothes on the office chair. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that he was exposed to airborne lead concentrations of 0.558 mg/m³ which exceeded the adjusted PEL of 0.044 mg/m³ by approximately 12.6 times.

b) A gun range instructor was observed changing from street clothes into his work clothes inside the office area. At the end of each work shift he changed from his work clothes, leaving them inside the office. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that he was exposed to airborne lead concentrations of 0.316 mg/m³ which exceeded the adjusted PEL of 0.044 mg/m³ by approximately 7.2 times.

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

07/23/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(i)(2)(ii): Change rooms were not equipped with separate storage facilities for protective work clothing and equipment and for street clothes to prevent cross contamination from lead:

On or about 21 January 2012, the employer did not assure that separate storage facilities for protective work clothing and for street clothes were available to gun range employee(s) in order to prevent cross-contamination. Gun range instructor(s) were assigned duties which included shooting training classes as well as gun range clean-up activities including but not limited to dry-sweeping spent ammunition shells and paper targets. The employer did not have separate storage facilities, change rooms or containers for contaminated clothing to prevent them from cross-contaminating clean street clothes.

a) A gun range instructor used the same visibly dirty, contaminated work clothing (shirt and sweater) over a period of at least one month, between 14-Dec-2011 and 19-Jan-2012. At the end of each work shift he left his work clothes on the office chair.

b) A gun range instructor was observed changing from street clothes into his work clothes inside the office area. At the end of each work shift he changed from his work clothes, leaving them inside the office.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(i)(3)(i): Employee(s) exposed to lead in excess of the permissible exposure limit (PEL), without regard to the use of respirators, were not required to shower at the end of the work shift:

a) On or about 21 January 2012, the employer did not assure that Gun Range Instructor(s) with exposures to airborne lead concentrations exceeding the Permissible Exposure Levels (PELs) showered at the end of the work shift. Gun Range Instructors conducted shooter training classes and engaged in gun range clean-up activities including but not limited to dry-sweeping spent ammunition shells and paper targets. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that an employee(s) were exposed to airborne lead concentrations of 0.316 mg/m³ and 0.558 mg/m³, which exceeded the PEL of 0.044 mg/m³ by approximately 7.2 and 12.6 times, respectively.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 20 a Type of Violation: **Serious**

29 CFR 1910.1025(i)(4)(i): Lunchroom facilities were not provided for employee(s) exposed to lead in excess of the permissible exposure limit (PEL), without regard to the use of respirators:

a) On or about 21 January 2012, the employer did not assure that lunchroom facilities were available to Gun Range Instructor(s) whose lead exposures exceeded the PEL by approximately 7.2 and 12.6 times respectively. Gun Range Instructors conducted shooter training classes and engaged in gun range clean-up activities including, but not limited to, dry-sweeping spent ammunition shells and paper targets. The employer did not have a dedicated lunchroom. On 21-January-2012, a Gun Range Instructor was observed consuming food and beverage in his office, dressed in contaminated work clothes. Office work surfaces and food containers tested positive for lead.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(i)(4)(iii): Employee(s) exposed to lead in excess of the permissible exposure limit (PEL), without regard to the use of respirators, were not required to wash their hands and face prior to eating, drinking, smoking or applying cosmetics:

a) On or about 21 January 2012, the employer did not assure that Gun Range Instructor(s) washed their face and hands before consuming food. The employer did not have a dedicated lunchroom and as a result, Gun Range Instructor(s) consumed food and beverage in their office. On 21-January-2012, a Gun Range Instructor was observed consuming food and beverage in his office, dressed in contaminated work clothes. Immediately prior to consuming food he had engaged in dry-sweeping spent ammunition shells and paper targets on the range over a period of 5 (five) minutes. Personal air monitoring conducted during this gun range clean-up activity indicated lead exposure(s) of up to 1.9989 mg/m³

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 21 a Type of Violation: **Serious**

29 CFR 1910.1025(j)(1)(i): A medical surveillance program was not instituted for all employee(s) who were, or could be exposed to lead above the action level for more than thirty days per year:

a) On or about 21 January 2012, the employer did not institute a medical surveillance program for all employee(s) who were or could be exposed to lead at or above the action level for more than 30 days per year. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that two gun range instructors were exposed to airborne lead concentrations which exceeded the OSHA Permissible Exposure Level (PEL). Employee(s) were assigned duties including but not limited to shooter instruction classes and gun range clean-up activities such as dry-sweeping spent ammunition shells and paper targets.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(j)(2)(i): Required biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin (ZPP) levels were not provided to each employee covered under 29 CFR 1910.1025 (j)(1)(i):

a) On or about 21 January 2012, the employer did not make available biological monitoring for blood lead and ZPP levels to the gun range instructors exposed to airborne lead concentrations which exceeded the OSHA Action Level (AL) in accordance to the schedule listed in paragraphs (A) through (C) of this section.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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

29 CFR 1910.1025(l)(1)(ii): The employer did not train each employee who is subject to exposure to lead at or above the action level, or for whom the possibility of skin or eye irritation exists, in accordance with the requirements of 29 CFR 1910.1025:

a) On or about 21 January 2012, the employer did not assure that gun range instructors with dermal exposure and airborne exposures to lead concentrations in excess of the OSHA Permissible Exposure Level (PEL) received training in accordance to the requirements listed in sections 1910.1025(l)(1)(v)(A)-(D). Employee(s) were assigned duties including but not limited to shooter instruction classes and gun range clean-up activities, such as, dry-sweeping spent ammunition shells and paper targets.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 1 Item 23 Type of Violation: **Serious**

29 CFR 1910.1025(m)(2)(i): Warning signs bearing the legend: WARNING, LEAD WORK AREA, POISON, NO SMOKING OR EATING, were not posted in each work area where the permissible exposure limit (PEL) was exceeded:

a) On or about 21 January 2012, the employer did not post the following warning sign WARNING - LEAD WORK AREA POISON - NO SMOKING OR EATING, at entrance of the Gun Range where the Permissible Exposure Level (PEL) for lead were exceeded. Personal air monitoring conducted on 21-January-2012 during an extended work shift indicated that Gun Range Instructor(s) were exposed to airborne lead concentrations of 0.316 mg/m³ and 0.558 mg/m³, which exceeded the PEL of 0.044 mg/m³ by approximately 7.2 and 12.6 times, respectively. Gun Range Instructors conducted shooter training classes and engaged in gun range clean-up activities including, but not limited to, dry-sweeping spent ammunition shells and paper targets.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 1 Item 24 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:

a) The employer did not develop or implement a written hazard communication program in accordance with 29 CFR 1910.1200(e)(1) that would describe or include at least the following:

- 1) Requirement for labeling of containers of hazardous chemicals;
- 2) Material safety data sheet availability;
- 3) Training of employees;
- 4) A complete list of hazardous chemicals known to be in the workplace;
- 5) Methods to inform employees of the hazards on non-routine tasks; and
- 6) Methods to inform other employer(s) of material safety data sheet availability; the labeling system; and any precautionary measures to protect employees.

Gun Range Instructor(s) were exposed to hazardous chemicals including, but not limited to:

- a) Hoppes # 9 solvent (contains kerosene; ethyl alcohol; oleic acid; amyl acetate; ammonium hydroxide 1-5%; Class 1-B flammable);
- b) CLP Break-Free Liquid solvent (contains 1-Decene hydrogenated polymers; hexanedioic acid, bis(2-ethylhexyl) ester; toluotriazol);
- c) ACE Acetone (95%+);
- d) PB Blaster Penetrating Catalyst (contains dinoylphenol ethoxylated phosphated; solvent naphtha (1-7% Naphthalene and 0-1% pseudocumene); heavy petroleum distillates (naphthenic oil); hydrotreated light distillate;
- e) Rust-Oleum Corporation Pro Lspr Flat Gray Primer (contains LPG; Acetone; Xylene; Magnesium silicate; Titanium Dioxide; Mineral Spirits; n-Butyl Acetate; Ethylbenzene; Zinc Phosphate);
- f) Rust-Oleum Corporation Strust SSPR Flat Black (contains LPG; Acetone; Toluene; Magnesium



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Silicate; Mineral Spirits; n-Butyl Acetate; Xylene; Ethylbenzene; Aliphatic Hydrocarbon; Carbon Black);

- g) Sunnyside Corporation Methyl Ethyl Ketone Solvent (contains MEK) Class 1 B flammable;
- h) Birchwood Caset Hun Scrubber Aerosol Spray (contains Trichloroethylene <97%).

These solvents were used during the cleaning and maintenance activities of rental guns to remove gun powder, lead, metal fouling and rust from gun parts.

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 of abatement, or other written records.

Date by which Violation must be Abated:	07/23/2012
Proposed Penalty:	\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 25 a 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:

a) On or about 19 January 2012, the employer did not ensure that each container of Hoppes # 9 Solvent (contains kerosene; ethyl alcohol; oleic acid; amyl acetate; ammonium hydroxide 1-5%; Class 1-B flammable) was labeled, tagged or marked with the identity of the hazardous chemical(s) contained therein. This solvent was used during the cleaning and maintenance activities of rental guns to remove gun powder, lead, metal fouling and rust from gun parts.

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$3000.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 1 Item 25 b 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:

a) On or about 19 January 2012, the employer did not ensure that each container of Hoppes # 9 Solvent (contains kerosene; ethyl alcohol; oleic acid; amyl acetate; ammonium hydroxide 1-5%; Class 1-B flammable) was labeled, tagged or marked with appropriate hazard warnings, words, pictures, symbols or a combination thereof, which provided at least general information regarding the physical and health hazards of the hazardous chemical(s) contained therein. This solvent was used during the cleaning and maintenance activities of rental guns to remove gun powder, lead, metal fouling and rust from gun parts.

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 of abatement, or other written records.

Date by which Violation must be Abated:

07/23/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 1 Item 26 Type of Violation: **Serious**

29 CFR 1910.1200(g)(1): The employer did not have a material safety data sheet for each hazardous chemical in use:

a) On or about 19 January 2012, the employer did not ensure that a Material Safety Data Sheet (MSDS) for each hazardous chemical in the workplace was available in the work place. The employer did not have MSDS documents for hazardous chemical(s) to which Gun Range Instructors were exposed to, including, but not limited to:

- a) Hoppes # 9 solvent (contains kerosene; ethyl alcohol; oleic acid; amyl acetate; ammonium hydroxide 1-5%; Class 1-B flammable);
- b) CLP Break-Free Liquid solvent (contains 1-Decene hydrogenated polymers; hexanedioic acid, bis(2-ethylhexyl) ester; toluotriazol);
- c) ACE Acetone (95%+);
- d) PB Blaster Penetrating Catalyst (contains dinoylphenol ethoxylated phosphated; solvent naphtha (1-7% Naphthalene and 0-1% pseudocumene); heavy petroleum distillates (naphthenic oil); hydrotreated light distillate;
- e) Rust-Oleum Corporation Pro Lspr Flat Gray Primer (contains LPG; Acetone; Xylene; Magnesium silicate; Titanium Dioxide; Mineral Spirits; n-Butyl Acetate; Ethylbenzene; Zinc Phosphate);
- f) Rust-Oleum Corporation Strust SSPR Flat Black (contains LPG; Acetone; Toluene; Magnesium Silicate; Mineral Spirits; n-Butyl Acetate; Xylene; Ethylbenzene; Aliphatic Hydrocarbon; Carbon Black);
- g) Sunnyside Corporation Methyl Ethyl Ketone Solvent (contains MEK) Class 1 B flammable;
- h) Birchwood Caset Hun Scrubber Aerosol Spray (contains Trichloroethylene <97%).

These solvents were used during the cleaning and maintenance activities of rental guns to remove gun powder, lead, metal fouling and rust from gun parts.

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 of abatement, or other written records.

Date by which Violation must be Abated: 07/23/2012
Proposed Penalty: \$3000.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 1 Item 27 Type of Violation: **Serious**

29 CFR 1910.1200(h)(1): Employees were not provided effective information and training on hazardous chemicals in their work area at the time of their initial assignment and whenever a new hazard that the employees had not been previously trained about was introduced into their work area:

- a) On or about 21 January 2012, the employer did not provide Gun Range Instructor(s) performing gun repairs and range maintenance with effective training and information for the hazardous chemicals used in the workplace. Gun Range Instructor(s) were exposed to hazardous chemical(s) including, but not limited to:
- a) Hoppes # 9 solvent (contains kerosene; ethyl alcohol; oleic acid; amyl acetate; ammonium hydroxide 1-5%; Class 1-B flammable);
 - b) CLP Break-Free Liquid solvent (contains 1-Decene hydrogenated polymers; hexanedioic acid, bis(2-ethylhexyl) ester; toluotriazol);
 - c) ACE Acetone (95%+);
 - d) PB Blaster Penetrating Catalyst (contains dinoylphenol ethoxylated phosphated; solvent naphtha (1-7% Naphthalene and 0-1% pseudocumene); heavy petroleum distillates (naphthenic oil); hydrotreated light distillate;
 - e) Rust-Oleum Corporation Pro Lspr Flat Gray Primer (contains LPG; Acetone; Xylene; Magnesium silicate; Titanium Dioxide; Mineral Spirits; n-Butyl Acetate; Ethylbenzene; Zinc Phosphate);
 - f) Rust-Oleum Corporation Strust SSPR Flat Black (contains LPG; Acetone; Toluene; Magnesium Silicate; Mineral Spirits; n-Butyl Acetate; Xylene; Ethylbenzene; Aliphatic Hydrocarbon; Carbon Black);
 - g) Sunnyside Corporation Methyl Ethyl Ketone Solvent (contains MEK) Class 1 B flammable;
 - h) Birchwood Caset Hun Scrubber Aerosol Spray (contains Trichloroethylene <97%).

These solvents were used during the cleaning and maintenance activities of rental guns to remove gun powder, lead, metal fouling and rust from gun parts.

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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 of abatement, or other written records.

Date by which Violation must be Abated:
Proposed Penalty:

07/23/2012
\$4200.00



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.

Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

Citation 2 Item 1 Type of Violation: **Other-than-Serious**

29 CFR 1910.132(d)(2): The employer did not verify, through a written certification, that the required workplace hazard assessment had been performed:

The employer did not certify in writing that a hazard assessment had been conducted in the workplace. Gun Instructor(s) were required to wear personal protective equipment (PPE), including but not limited to, gloves and safety glasses during shooter instruction and range cleaning activities.

a) A gun range instructor conducting shooter instruction was observed reaching down on the range floor to collect a loaded handgun cartridge. The employee was not wearing any hand protection, such as gloves. The gun range floor was contaminated with lead. The gun had misfired and it required manual cycling of the barrel slide to remove the defective round which then fell on the gun range floor.

b) A gun range instructor whose duties included but were not limited to conducting shooter training classes; gun range cleaning activities and assisting customers on the range, tested positive for lead contamination of his hands on 14-December-2011 (approximately 481.6 mcg lead) and 19-January-2012 (approximately 539.2 mcg lead).

c) A gun range instructor conducting shooter instruction was not wearing appropriate ANSI Z87+ rated eyewear, relying instead on his vision correction spectacles. During the live fire, the instructor stayed close to the trainee to check their line of sight and was exposed to hot, sharp, flying spent ammunition cartridges being ejected by the semi-automatic handguns.

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

Inspection Number: 110282
Inspection Date(s): 12/14/2011 - 05/09/2012
Issuance Date: 06/08/2012



Citation and Notification of Penalty

Company Name: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707

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:

07/23/2012
\$0.00

A handwritten signature in black ink, appearing to read "Diane M. Turek", written over a horizontal line.

Diane M. Turek
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: Illinois Gun Works, Ltd.
Inspection Site: 7229 W. Grand Avenue, Elmwood Park, IL 60707
Issuance Date: 06/08/2012

Summary of Penalties for Inspection Number	110282
Citation 1, Serious	\$111000.00
Citation 2, Other-than-Serious	\$.00
TOTAL PROPOSED PENALTIES	\$111000.00

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 the full amount due, and will cash the check or money order as if these restrictions or conditions do not exist.

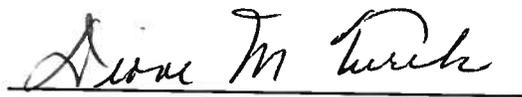
If a personal check is issued, it will be converted into an electronic fund transfer (EFT). This means that our bank will copy your check and use the account information on it to electronically debit your account for the amount of the check. The debit from your account will then usually occur within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

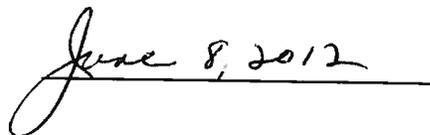
Delinquent Charges: A debt is considered delinquent if it has not been paid within one month (30 calendar days) of the penalty due date or if a satisfactory payment arrangement has not been made. If the debt remains delinquent for more than 90 calendar days, a delinquent charge of six percent (6%) per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



Diane M. Turek

Area Director



Date