



**Citation and Notification of Penalty**

**Company Name:** Pure Power Technologies, LLC  
**Inspection Site:** 1401 Perkins Avenue, Waukesha, WI 53186

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

29 CFR 1910.137(b)(2)(ii): Insulating gloves were not given an air test prior to each days usage:

(a) Electricians used Salisbury rubber insulating gloves, Class 00, Type I gloves rated to 500 volts AC when working on energized circuits without performing an air test on gloves before each use. This exposed electricians to an electrical shock hazard.

(b) Electricians used Salisbury rubber insulating gloves, Class 0, Type I gloves rated to 1000 volts AC when working on energized circuits without performing an air test on gloves before each use. This exposed electricians to an electrical shock hazard.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	02/06/2014
Proposed Penalty:	\$7000.00

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

**Inspection Number:** 924585  
**Inspection Date(s):** 08/01/2013 - 12/05/2013  
**Issuance Date:** 12/18/2013



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

29 CFR 1910.137(b)(2)(viii): Electrical protective equipment was not subjected to periodic electrical tests in accordance with Tables I-5 and I-6:

- (a) Salisbury rubber insulating gloves, Class 00, Type I gloves rated to 500 volts AC and Salisbury rubber insulating gloves, Class 0, Type I gloves rated to 1000 volts AC were not electrically tested every six (6) months.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	02/06/2014
Proposed Penalty:	\$7000.00

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

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

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

(a) An annual/periodic inspection of the energy control procedures has not been conducted for, but not limited to I3 Auto Pour and H1 Molding Machine to ensure that procedures and requirements of the standard are being followed and those employees who implement energy control procedures understand their application.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 02/06/2014  
Proposed Penalty: \$7000.00

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

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

Employee(s) worked on electrical equipment without taking special precautions, to reduce exposure to electrical hazards. Employees who perform electrical work and testing on energized electrical equipment and systems were not effectively trained in implementing electrical Safety-Related Work Practices, such as determining flash hazard boundary, determining arc flash and shock hazard associated with the high current 480V circuit breaker equipment in "Substation 5" a switch gear room containing switch gear cubicles, and establishing a protective value for required arc rated protective clothing to be worn.

(a) On or about June 25, 2013, employee(s) performing resetting of circuit breakers on "Substation 5" a switch gear room containing switch gear cubicles, were not trained to assess the arc flash and shock hazard level of the electrical equipment being worked on.

(b) On or about June 25, 2013 employee(s) were not instructed on the inspection methods for rubber insulating gloves. Employees were not familiar with the air test requirement for rubber insulating gloves prior to use and the six month requirement for electrical testing of all rubber insulating gloves.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	02/06/2014
Proposed Penalty:	\$7000.00

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**Company Name:** Pure Power Technologies, LLC  
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**Citation 1 Item 5** Type of Violation: **Serious**

29 CFR 1910.333(a)(2): Safety-related work practices shall be employed to prevent electric shock or other injuries resulting from either direct or indirect electrical contacts, when work is performed near or on equipment or circuits which are or may be energized. The specific safety-related work practices shall be consistent with the nature and extent of the associated electrical hazards:

(a) Employees did not employ electrical safety-related work practices while attempting to reset the main circuit breaker and circuit breakers fed by the main circuit breaker in "Substation 5" a switch gear room containing switch gear cubicles.

Electrical Safety-Related Work Practices to be implemented, include, but is not limited arc flash hazard analysis, testing and verification procedures, and training of employees on electrical practices.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	02/06/2014
Proposed Penalty:	\$7000.00

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

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

29 CFR 1910.334(b)(2): Reclosing circuits after protective device operation. After a circuit is de-energized by a circuit protective device, the circuit may not be manually reenergized until it has been determined that the equipment and circuit can be safely energized.

(a) On or about June 25, 2013, an employee(s) attempted to manually reenergize a 480 volt AC circuit "Substation 5 circuit breaker 5T5CB3 - 800 Amp Rating " that had been de-energized by a circuit protective device. The circuit and equipment had not been evaluated to ensure that the circuit could be reenergized safely, exposing employees to arc flash and electrical shock hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	02/06/2014
Proposed Penalty:	\$7000.00

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

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

29 CFR 1910.335(a)(2)(ii): Protective shields, protective barriers, or insulating materials shall be used to protect each employee from shock, burns, or other electrically related injuries while that employee is working near exposed energized parts which might be accidentally contacted or where dangerous electric heating or arcing might occur. When normally enclosed live parts are exposed for maintenance or repair, they shall be guarded to protect unqualified persons from contact with the live parts.

(a) On or about June 25, 2013, the employer had no insulating protective equipment in use at "Substation 5", such as barriers or shielding in place to protect employees from arcing faults, and covers that were normally in place had been removed to operate the circuit breakers.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

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

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

(a) On or about June 25, 2013, employee(s) working on energized 480 volt AC circuit breakers within "Substation 5" did not use personal protective equipment, such as, but not limited to arc rated apparel, face-shield, and voltage-rated gloves to protect against arc flash hazards and electrical shock hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 02/06/2014  
Proposed Penalty: \$70000.00

A handwritten signature in black ink, appearing to read "Christine Zortman".

**Christine Zortman**  
Area Director

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