

U.S. Department of Labor Occupational Safety and Health Administration
135 High Street, Suite 361
Hartford, CT 06103



January 6, 2022

PM Engineered Solutions, Inc.
and its successors
140 Commercial St.
Watertown, CT 06795

Dear Employer:

Enclosed you will find citations for violations of the Occupational Safety and Health Act of 1970 (the Act) which may have accompanying proposed penalties. Also enclosed is a booklet entitled, "Employer Rights and Responsibilities Following an OSHA Inspection", (OSHA 3000-04R) revised 2018, which explains your rights and responsibilities under the Act. If you have any questions about the enclosed citations and penalties, I would welcome further discussions in person or by telephone. Please contact me at (860) 240-3152.

You will note on page 6 of the booklet that, for violations which you do not contest, you must (1) notify this office promptly by letter that you have taken appropriate corrective action within the time set forth on the citation; and (2) pay any penalties assessed. Please inform me of the abatement steps you have taken and of their dates together with adequate supporting documentation; e.g., drawings or photographs of corrected conditions, purchase/work orders related to abatement actions, air sampling results. This information will allow us to close the case.

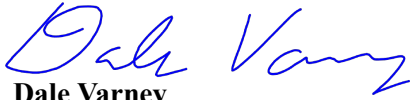
As indicated on page 3 of the booklet, you may request an informal conference with me during the 15-working-day notice of contest period. During such an informal conference you may present any evidence or views which you believe would support an adjustment to the citation or the penalty.

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 the citation. The running of this contest period is not interrupted by an informal conference.

If you decide to request an informal conference, please complete the attached notice at the bottom of this letter and post it next to the Citations as soon as the time, date and the place of the informal conference have been determined. Be sure to bring to the conference with you any and all supporting documentation of existing conditions as well as of 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.

You should be aware that OSHA publishes information on its inspection and citation activity on the Internet under the provisions of 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.

Sincerely,



Dale Varney
Area Director

Enclosures

U.S. Department of Labor
Occupational Safety and Health Administration
135 High Street, Suite 361
Hartford, CT 06103



Citation and Notification of Penalty

To:
PM Engineered Solutions, Inc.
and its successors
140 Commercial St.
Watertown, CT 06795

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Inspection Site:
140 Commercial St.
Watertown, CT 06795

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

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

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

Informal Conference - An informal conference is not required. However, if you wish to have such a conference you may request one with the Area Director during the 15 working day contest period by calling (860) 240-3152. During such an informal conference, you may present any evidence or views which you believe would support an adjustment to the citation(s) and/or penalty(ies).

If you are considering a request for an informal conference to discuss any issues related to this Citation and Notification of Penalty, you must take care to schedule it early enough to allow time to contest after the informal conference, should you decide to do so. Please keep in mind that a written letter of intent to contest must be submitted to the Area Director within 15 working days of your receipt of this Citation. The running of this contest period is not interrupted by an informal conference.

If you decide to request an informal conference, please complete, remove and post the Notice to Employees next to this Citation and Notification of Penalty as soon as the time, date, and place of the informal conference have been determined. Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far. If conditions warrant, we can enter into an informal settlement agreement which amicably resolves this matter without litigation or contest.

Right to Contest – You have the right to contest this Citation and Notification of Penalty. You may contest all citation items or only individual items. You may also contest proposed penalties and/or abatement dates without contesting the underlying violations. **Unless you inform the Area Director in writing that you intend to contest the citation(s) and/or proposed penalty(ies) within 15 working days after receipt, the citation(s) and the proposed penalty(ies) will become a final order of the Occupational Safety and Health Review Commission and may not be reviewed by any court or agency.**

Penalty Payment – Penalties are due within 15 working days of receipt of this notification unless contested. (See the enclosed booklet and the additional information provided related to the Debt Collection Act of 1982.) Make your check or money order payable to “DOL-OSHA”. Please indicate the Inspection Number on the remittance. You can also make your payment electronically at www.pay.gov. At the top of the pay.gov homepage, type "OSHA" in the Search field and select Search. From **OSHA Penalty Payment Form** search result, select Continue. The direct link is:

<https://www.pay.gov/paygov/forms/formInstance.html?agencyFormId=53090334>

You will be required to enter your inspection number when making the payment. Payments can be made by credit card or Automated Clearing House (ACH) using your banking information. Payments of \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

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

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

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

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

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

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



NOTICE TO EMPLOYEES OF INFORMAL CONFERENCE

An informal conference has been scheduled with OSHA to discuss the citation(s) issued on 01/06/2022. The conference will be held by telephone or at the OSHA office located at 135 High Street, Suite 361, Hartford, CT 06103 on _____ at _____.

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

CERTIFICATION OF CORRECTIVE ACTION WORKSHEET

Inspection Number: 1542164

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795
Issuance Date: 01/06/2022

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, 135 High Street, Suite 361, Hartford, CT 06103.**

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

Citation Number _____ and Item Number _____ was corrected on _____
By (Method of Abatement): _____

I certify that the information contained in this document is accurate and that the affected employees and their representatives have been informed of the abatement.

Signature

Date

Typed or Printed Name

Title

NOTE: 29 USC 666(g) whoever knowingly makes any false statements, representation or certification in any application, record, plan or other documents filed or required to be maintained pursuant to the Act shall, upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment of not more than 6 months or both.

POSTING: A copy of completed Corrective Action Worksheet should be posted for employee review



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Section 5(a)(1) of the Occupational Safety and Health Act of 1970: The employer did not furnish employment and a place of employment which were free from recognized hazards that were causing or likely to cause death or serious physical harm, including severe burns, to employees in that employees were exposed to dust explosion, deflagration, or other fire hazards from improperly designed and installed dust collection systems:

In the following locations, dust collection systems exposed employees to potential fire and explosion hazards:

A. Thermoset Department: On, or about, July 28, 2021, employees were exposed to fire and/explosion hazards because the combustible and explosive plastic dust generated by several finishing machines traveled through a dust collection system which had no protective measures to detect, suppress, contain and isolate any combustible dust fires and/or explosions that were at risk of occurring in or entering the work area. Note: The dust collection system included collection hoods, ducts and the large blue dust collector.

B. Plastics Finishing Department: On, or about, August 27, 2021, employees were exposed to fire and/or explosion hazards because the combustible and explosive plastic and walnut shell dust generated by the following Wheelabrator abrasive blasting machines traveled through dust collection systems which had no protective measures to detect, suppress, contain and isolate any combustible dust fires and/or explosions that were at risk of occurring in or entering the work area. Note: The dust collection systems included ducts, dust collectors and a collection barrel.

1. Old Wheelabrator.
2. Blue Wheelabrator.

Among other methods, one feasible and acceptable abatement method to correct this hazard is to use properly installed and maintained dust collection systems in accordance with generally recognized guidelines such as the National Fire Protection Association (NFPA) 654 - 2020 Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids.

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.22(a)(3): The employer did not ensure that walking-working surfaces are maintained free of hazards such as sharp or protruding objects, loose boards, corrosion, leaks, spills, snow, and ice:

Metal Department, Tumbling Area: On, or about, August 6, 2021, a transfer pipe was located across the threshold of the doorway that communicated with the solids press area, creating a tripping hazard.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 3 a Type of Violation: **Serious**

29 CFR 1910.29(b)(1): The employer did not ensure that guardrail systems met the requirement that the top edge height of top rails, or equivalent guardrail system members, that are 42 inches (107 cm), plus or minus 3 inches (8 cm), above the walking-working surface:

Roof: On, or about, October 1, 2021, roof mounted skylights were provided with a single chain as a guardrail equivalent. The chains were not installed at a height of 42 inches, nominal, above the roof surface. Employees were exposed to fall distances of up to approximately eighteen feet.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 3 b Type of Violation: **Serious**

29 CFR 1910.29(b)(2): The employer did not ensure that guardrail systems met the requirement that midrails, screens, mesh, intermediate vertical members, solid panels, or equivalent intermediate members that are installed between the walking-working surface and the top edge of the guardrail system as follows when there is not a wall or parapet that is at least 21 inches (53 cm) high:

Roof: On, or about, October 1, 2021, roof mounted skylights were provided with a single chain as a guardrail equivalent. A midrail equivalent was not provided. Employees were exposed to fall distances of up to approximately eighteen feet.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 4 a Type of Violation: **Serious**

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

- A. Thermoset Department, Door Leading to Front Office: On, or about, July 28, 2021, the exit sign fixture was not provided with a sign or a light.
- B. Cafeteria: On, or about, October 27, 2021, the exit sign provided over each of the two exit doors was not lit.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 4 b Type of Violation: **Serious**

29 CFR 1910.37(b)(2): Each exit was not clearly visible and marked by a sign reading "Exit":

Main Electrical Room: On, or about, August 27, 2021, the door providing egress from the room was not provided with an exit sign.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 4 c Type of Violation: **Serious**

29 CFR 1910.37(b)(4): Signs were not posted along the exit access indicating the direction of travel to the nearest exit and exit discharge when the direction of travel to the exit or exit discharge was not immediately apparent:

Powdered Metal Storage Area: On, or about August 6, 2021, signage was not provided to direct employees to the exit door located along the exterior wall. The mold rack obscured the exit sign.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 5 a Type of Violation: **Serious**

29 CFR 1910.101(b): The in-plant handling, storage, and utilization of all compressed gases in cylinders, portable tanks, rail tankcars, or motor vehicle cargo tanks were not in accordance with Compressed Gas Association Pamphlet P-1-1965, which is incorporated by reference as specified in CFR 1910.6: Ref. 1968 CGA P-1, 3.3.1, Ref. 2006 CGA P-1, 5.7.4.

A. Maintenance Shop: On, or about, September 2, 2021, a cylinder of argon/carbon dioxide was stored, unsecured, against the back wall.

B. Outside Cylinder Storage Area: On, or about, September 2, 2021, three cylinders of acetylene and one of inert gas were stored, unsecured, in the fence enclosure.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 5 b Type of Violation: **Serious**

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

Outside Cylinder Storage Area: On, or about, September 2, 2021, an oxygen cylinder was stored in the same enclosure as three acetylene cylinders.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

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Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 6 a Type of Violation: **Serious**

29 CFR 1910.103(c)(5): Weeds or similar combustibles were permitted within 25 feet of any liquefied hydrogen equipment:

Hydrogen Tank: On, or about, September 20, 2021, weeds had grown in the enclosure where the liquefied hydrogen tank was located.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

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Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 6 b Type of Violation: **Serious**

29 CFR 1910.110(b)(6)(vi): Readily ignitable material such as weeds and long dry grass shall be removed within 10 feet of any container.

Outside Cylinder Storage Area: On, or about, September 2, 2021, dried leaves/weeds were allowed to accumulate where propane cylinders were stored.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 6 c Type of Violation: **Serious**

29 CFR 1910.253(b)(4)(i): Oxygen cylinders were stored near highly combustible material, especially oil and grease; or near reserve stocks of carbide and acetylene or other fuel-gas cylinders, or near other substance likely to cause or accelerate fire; or in an acetylene generator compartment:

Outside Cylinder Storage Area: On, or about, September 2, 2021, dried leaves had accumulated when an oxygen cylinder was stored.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

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



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

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Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.125(f)(3)(iii): A cover that could be closed by an approved automatic device for the automatic fire-extinguishing system was not kept closed when the dip tank was not in use:

Machining Department: On, or about, September 20, 2021, the Safety Kleen Model 81 parts washer contained Safety-Kleen Premium solvent, a Category 4 flammable liquid. The cover of the sink/tank was left open when not in use.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 8 a Type of Violation: **Serious**

29 CFR 1910.132(d)(1): The employer did not assess the workplace to determine if hazards are present, or are likely to be present, which necessitate the use of personal protective equipment (PPE):

Plant: On, or about, September 20, 2021, the employer had not conducted a Personal Protective Hazard Assessment for the task of forktruck battery maintenance.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 8 b Type of Violation: **Serious**

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

A. Plastics Department, Trim Station 0287: On, or about, July 28, 2021, an employee was trimming parts using a table saw that was provided with a disc grinder. The employee was not wearing safety glasses.

B. Shipping and Receiving: On, or about, September 20, 2021, an employee who opened the battery on the Toyota forklift was not provided with a face shield to protect against being splashed from the corrosive battery electrolyte solution.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 8 c Type of Violation: **Serious**

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

Plant: On, or about, September 20, 2021, an employee who performed maintenance on the battery provided on the Toyota forklift was not provided with an eyewash within his work area.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.146(c)(4): When the employer decided that its employees would enter permit spaces, the employer did not develop and implement a written permit space entry program that complied with 29 CFR 1910.146:

Powder Metal Department, Machine pits located under compacting presses: On, or about, October 1, 2021, the company had not developed and implemented procedures for entry into permit required confined spaces for machine set-up, cleaning and/or repairs.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$9,557.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.147(c)(2)(ii): An energy isolating device that was capable of being locked out, did not utilize a lockout device which rendered the machine or equipment inoperative:

A. Metal Department, Metal Compacting: On, or about, July 15, 2021, Press #47, an Alpha Press hydraulic metal compacting press had been under repair for approximately two weeks. Instead of applying a lockout device, the electrical disconnect was secured in the "off" position using a plastic tie wrap.

B. Plastics Department, Pill Room #2: On, or about, August 6, 2021, a B.I.P. Engineering hydraulic pre-former had been under repair since July 22, 2021. Instead of applying a lockout device, a tag was affixed over the circuit breaker with electrical tape.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 11 Type of Violation: **Serious**

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

A. Plastics Division, Maintenance Area: On, or about, July 14, 2021, lockout procedures had not been developed, implemented and utilized for the maintenance and servicing of Sterl-Tronic portable water heater, including what procedures needed to be taken for tests that needed to be performed while the equipment was under repair.

B. Plastics Division: On, or about, October 6, 2021, specific lockout procedures had not been developed for machines and equipment such as, but not limited to, horizontal injection molding machines, thermoset presses, ovens, forming machines, finishing equipment, dust collection equipment and a cooling tower.

C. Thermoset Department: On, or about, July 28, 2021, lock out procedures had not been developed, implemented and utilized for machinery and equipment that had been acquired by the company and brought into the plant approximately one year prior. The equipment that was acquired included, but was not limited to, sixteen Bipel hydraulic thermoset presses.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$9,557.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 12 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:

Plant: On, or about, October 6, 2021, machine specific lockout procedures that had been developed for machinery and equipment located in the metal compacting area had not been subject to a periodic review since they were developed in 1997. Machine specific procedures developed for machinery and equipment located in the machining and furnaces area had not been subject to a periodic review since they were developed in 2000.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.147(c)(7)(i)(A): Authorized employee(s) did not receive training in the recognition of applicable hazardous energy sources, the type and magnitude of the energy available in the workplace, and the methods and means necessary for energy isolation and control:

A. Plastics Division, Maintenance Area: On, or about, July 14, 2021, an employee was assigned maintenance tasks that required that equipment be de-energized and lockout out. The employee had not been provided with lockout/tagout training.

B. Thermoset Department: On, or about, July 28, 2021, an employee who was responsible for setting up and maintaining the Bipel hydraulic thermoset presses had not been provided with lockout/tagout training.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:

February 24, 2022

Proposed Penalty:

\$9,557.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.169(b)(3)(i): Compressed air receiver(s) were not equipped with an indicating pressure gauge and one or more spring-loaded safety valves:

A. Powder Metal Department: On, or about, September 10, 2021, a gauge and pressure relief valve were not provided on the air receiver tank on Press #87, a Yoshizuka mechanical compacting press.

B. Powder Metal Department: On, or about, September 10, 2021, a gauge and pressure relief valve were not provided on the air receiver tank on Press #94, a Yoshizuka mechanical compacting press.

C. Powder Metal Department: On, or about, September 10, 2021, a gauge and pressure relief valve were not provided on the air receiver tank on Press #82, a Yoshizuka mechanical compacting press.

D. Powder Metal Department: On, or about, September 29, 2021, a gauge and pressure relief valve were not provided on the air receiver tank on Press #80, a Dorst mechanical compacting press.

E. Powder Metal Department: On, or about, September 29, 2021, a gauge and a pressure relief valve were not provided on the air receiver tank on Press # 76, a Stokes mechanical compacting press.

Date By Which Violation Must be Abated:

February 24, 2022

Proposed Penalty:

\$4,096.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

29 CFR 1910.178(a)(4): Modifications and additions which affect capacity and safe operation of powered industrial truck were performed by the employer without the manufacturer's prior written approval. Capacity, operation, and maintenance instruction plates, tags or decals of the powered industrial truck were not changed accordingly:

Furnace Room: On, or about, September 2, 2021, the Yale forklift, Model GLC050VXNRE083 was not marked to indicate the reduced capacity of the vehicle when a boom extension was used.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 16 Type of Violation: **Serious**

29 CFR 1910.178(l)(4)(iii): An evaluation of each powered industrial truck operator's performance was not being conducted at least once every three years:

Plant: On, or about, July 14, 2021, employees who operated forklifts had not been provided training since April, 2014.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 17 a Type of Violation: **Serious**

29 CFR 1910.178(p)(1): Powered industrial truck(s) found to be in need of repair, defective, or in any way unsafe had not been taken out of service until restored to safe operating condition(s):

Shipping: On, or about, September 20, 2021, the battery provided on the Toyota forklift was leaking acid solution. The acid had dried and caked on the surface of the battery.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



U.S. Department of Labor
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Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 17 b Type of Violation: **Serious**

29 CFR 1910.178(q)(7): Industrial trucks were not examined before being placed in service:

A. Shipping: On, or about, September 20, 2021, the emergency brake provided on the Yale forklift, serial number A910V13485F, was loose/out of adjustment.

B. Shipping: On, or about, September 20, 2021, the battery provided on the Toyota forklift was leaking acid solution. The acid had dried and caked on the surface of the battery.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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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Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 18 a Type of Violation: **Serious**

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

- A. Thermoset Department, Tool & Die Bench: On, or about, July 28, 2021, a J&L two legged chain alloy sling, serial number 8701050 had a worn identification tag. The engraved capacity information was no longer legible.
- B. Furnace Room, Graphite Dip Tank: On, or about, September 2, 2021, a two legged sling was not provided with an identification tag.
- C. Maintenance Shop: On, or about, September 2, 2021, 2 two legged slings were joined on a shackle to make a four legged sling. The identification tags on the 2 two legged slings were worn and were only partially legible. The four legged sling assembly was not provided with a tag.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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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Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 18 b Type of Violation: **Serious**

29 CFR 1910.184(e)(2)(i): Hooks, rings, oblong links, pear shaped links, welded or mechanical coupling links or other attachments did not have a rated capacity at least equal to that of the alloy steel chain with which they were used or the sling was used in excess of the rated capacity of the weakest component:

Maintenance Shop: On, or about, September 2, 2021, 2 two legged slings were joined on a shackle to make a four legged sling. The working load limit (WLL) stamped on the shackle indicated that it was rated for 1,500 pounds. According to tabulated data for the size of the chain slings, the working load limit of the chain was at least 3,500 pounds.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

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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Occupational Safety and Health Administration

Inspection Number: 1542164
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Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 18 c Type of Violation: **Serious**

29 CFR 1910.184(e)(3)(i): A thorough periodic inspection of alloy steel chain slings was not made on a regular basis and/or were done at intervals greater than once every 12 months:

- A. Thermoset Department: On, or about, July 28, 2021, a J&L two legged chain alloy sling, serial number 8701050, was not subject to periodic, documented inspections.
- B. Injection Molding Department, Near Machine #216: On, or about, September 2, 2021, a two legged chain alloy sling, serial number 8701062, was not subject to periodic, documented inspections.
- C. Furnace Room, Graphite Dip Tank: On, or about, September 2, 2021, a two legged chain alloy sling was not subject to periodic, documented inspections.
- D. Maintenance Shop: On, or about, September 2, 2021, a four legged sling assembly that consisted of 2 two legged slings joined on a shackle was not subject to periodic, documented inspections.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 19 Type of Violation: **Serious**

29 CFR 1910.184(i)(9)(iii): Synthetic web sling(s) with snags, punctures, tears, or cuts were not immediately removed from service:

Powder Mixing Area: On, or about, September 20, 2021, a Lift-All six foot long nylon sling was worn and damaged, exposing the inner red indicator threads. The sling was used in a choker hitch to lift fiber barrels of metal powder.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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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Inspection Number: 1542164
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Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 20 Type of Violation: **Serious**

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

A. Plastics Department: On, or about, July 28, 2021, a chuck guard or similar protection was not provided on the following drill presses that were used to trim plastic components:

1. Rockwell provided with a flap wheel.
2. Craftsman provided with a stone wheel.
3. Rockwell provided with a stone wheel.

B. Thermoset Department: On, or about, July 28, 2021, a chuck guard or similar protection was not provided on Duracraft Model DP-1617 drill press.

C. MRB Room: On, or about, August 6, 2021, a chuck guard or similar protection was not provided on the following drill presses used to trim plastic components:

1. Craftsman (left) provided with a stone wheel.
2. Craftsman (right) provided with a stone wheel.
3. Delta provided with a stone wheel.

D. Thermoset Department: On, or about, September 2, 2021, safeguarding was not provided on the back side of the following Bipel hydraulic presses:

1. 401.
2. 402.
3. 403.
4. 405.
5. 406.

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6. 407.
7. 410.
8. 412.
9. 414.
10. 415.
11. 416.
12. 417.
13. 419.
14. 420.
15. 421.

E. Injection Molding Department: On, or about, September 2, 2021, Machine #217, a Reed horizontal injection molding machine, was not provided with a cover over the back clamp that contained moving parts.

F. Maintenance Shop: On, or about, September 2, 2021, safeguarding was not provided for the lead screw on Machine #0175, a Hardinge lathe that was used for threading.

G. Tool Room: On, or about, September 2, 2021, safeguarding was not provided for the lead screw on Machine #0174, a REM horizontal lathe.

H. Machining Department: On, or about, September 20, 2021, the following Brother CNC milling machines were in operation with the broken door interlocks:

1. Machine 308.
2. Machine 310.

I. Machining Department: On, or about, September 20, 2021, Machine #703, a Rockwell horizontal belt sander, was not provided with a guard on the backside to protect the in-running nip point created by the sanding belt running over the pulley.

J. Machining Department: On, or about, September 20, 2021: The following Sunnen honing machine were provided with what appeared to be standard drill press chucks to facilitate a secondary operation. The chucks had projections and did not present a smooth surface, creating the potential to catch clothing, gloves and hair. Safeguarding was not provided to protect employees from rotating parts:

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1. Machine 1504.
2. Machine 501.

K. Powder Mixing Area: On, or about, September 20, 2021, openings were left in the interlocked doors providing access to the rotating conical mixer.

L. Powered Metal Department: The following presses were not provided with adequate safeguarding:

1. On, or about, September 10: Press #95, a Yoshizuka mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter.
2. On, or about, September 10: The bottom hinged guard that provided protection against moving press components was not interlocked.
3. On, or about, September 10, 2021: Press #59, an Olivetti mechanical compacting press: The hinged barrier guard was not interlocked and left a three inch gap between the guard and the die bed that allowed access to pinch points in the die area.
4. On, or about, September 10, 2021: Press #102, a Yoshizuka mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Also, a gap was left under the sensing field that allowed access to the die area.
5. On, or about, September 10, 2021: Press #87, a Yoshizuka mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Also, a gap was left between the light curtain bracket and the machine frame on the right side, allowing access to pinch points in the die area.
6. On, or about, September 10, 2021: Press #94, a Yoshizuka mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Also, a gap below the sensing field of the light curtain allowed access to pinch points in the die area.
7. On, or about, September 10, 2021: Press # 82, Yoshizuka mechanical compacting press: The sensing field of the

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light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Also, a gap below the sensing field of the light curtain allowed access to pinch points in the die area.

8. On, or about, September 10, 2021: Press #70, Gasbarre mechanical compacting press: The opening in the barrier guard allowed access to the point of operation, a cover was not provided on the lower portion of the machine, under the die bed and the press was provided with a single jog button that was within reach of the point of operation.

9. On, or about, September 29, 2021: Press #92, a Cincinnati mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter.

10. On, or about, September 29, 2021: Press #117, Cincinnati mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Also, the guard that was provided on the lower portion of the press had a portion that had been cut out that allowed access to moving platens.

11. On, or about, September 29, 2021: Press #118, a Cincinnati mechanical compacting press: The interlock switch provided for the hinged, lower press guard was not operational.

12. On, or about, September 29, 2021: Press #62, an Olivetti mechanical compacting press: The hinged barrier guard was not interlocked and left a three inch gap between the guard and the die bed that allowed access to pinch points in the die area.

13. On, or about, September 29, 2021: Press #80, Dorst mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Also, the gap left below the light curtain allowed access to pinch points in the die area.

14. On, or about, September 29, 2021: Press #89, Dorst mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. Gaps left under the light curtain and between the light curtain brackets and machine frame allowed access to the die area. Also, the in-running nip point for a chain and sprocket located near the floor level on the right side of the press not fully guarded.

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15. On, or about, September 29, 2021: Press #76, Stokes mechanical compacting press: The opening in the barrier guard allowed access to the point of operation.
16. On, or about, September 29, 2021, Press #48, a Gasbarre mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter.
17. On, or about, September 29, 2021: Press #78, Gasbarre mechanical compacting press: The lower section of the press located below the die bed was not provided with a guard. During press operation, the components moved, creating pinch points.
18. On, or about, September 29, 2021: Press #79 Gasbarre mechanical compacting press: The opening in the barrier guard allowed access to the point of operation.
19. On, or about, September 29, 2021: Press #85, Yoshizuka mechanical compacting press: The sensing field of the light curtain was set too high, allowing access to pinch points created by the die.
20. On, or about, September 29, 2021: Press #86 Yoshizuka mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter.
21. On, or about, September 29, 2021: Press #7, a straight sided hydraulic press, was not provided with safeguarding on the backside of the press.
22. On, or about, September 29, 2021: Press #63, a Federal partial revolution mechanical power press, was not provided with safeguarding for the pinch points created by the cam, connecting arm and cylinder assembly located on the left side of the press.
23. On, or about, October 1, 2021: Press #46, a Gasbarre mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter.
24. On, or about, October 1, 2021: Press #71, a Gasbarre mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as

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determined using a stop time meter.

25. On, or about, October 1, 2021: Press #74, Gasbarre mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter.
26. On, or about, October 1, 2021: Forge Cell 42: The working space of the multi-axis robot was protected by fencing, with the exception of a hinged, interlocked gate that consisted of a top and mid rail. The openings in the rail were wide enough for a person to pass through, which could bypass the safeguarding of the robot's working space.
27. On, or about, October 6, 2021: Press #39, an Alpha hydraulic compacting press: The light curtain that was provided to safeguard to the point of operation was not operational in that it did not stop the motion of the press when tripped. Also, the pinch point was created between a ram mounted rod and the limit switch lever was not guarded.
28. On, or about, October 6, 2021: Press #23, an Alpha hydraulic compacting press: Gaps left between the light curtain brackets and machine frame allowed access to pinch points created by the table pusher rods on either side of the die. Also, the pinch point was created between a ram mounted rod and the limit switch lever was not guarded.
29. On, or about, October 6, 2021: Press # 30, an Alpha hydraulic compacting press: Gaps left between the light curtain brackets and machine frame allowed access to pinch points created by posts on either side of the die. Also, the pinch point was created between a ram mounted rod and the limit switch lever was not guarded.
30. On, or about, October 27, 2021: Press #49, an Alpha hydraulic compacting press: The light curtain that was provided to safeguard the point of operation would automatically resume the stroke once an obstruction cleared the sensing field instead of requiring the operator's controls to be used to resume press cycling.
31. On, or about, October 27, 2021: Press # 93, a Cincinnati mechanical compacting press: The sensing field of the light curtain provided for safeguarding was measured to be within the minimum safety distance allowed as determined using a stop time meter. The sensing field of the light curtain was low and narrow, allowing access to the die area and pusher rod by reaching over the sensing field. Also, the guard provided on the lower portion of the press was not interlocked.

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$9,557.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 21 Type of Violation: **Serious**

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

- A. Thermoset Department: On, or about, July 28, 2021, Machine 306, a hydraulic forming press, was provided with a single lever to start the press for each cycle. The second control button was not operational.
- B. Old Pill Room: On, or about, July 28, 2021, the barrier guard provided on the Green preforming press allowed access to the point of operation by reaching under the guard.
- C. Plastics Finishing: On, or about, August 27, 2021, the two hand controls provided on machine #21014, a Patton-MacGuyer press, did not incorporate an anti-tie down relay.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$9,557.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 22 Type of Violation: **Serious**

29 CFR 1910.212(a)(4): Revolving drum(s), barrel(s), or container(s) were not guarded by enclosure(s) which were interlocked with the drive mechanism so that the barrel(s), drum(s), or container(s) could not revolve unless the enclosure(s) were in place:

In the following locations, tumbling/spinning equipment was not provided with an interlocked enclosure:

A. Metal Department, Tumbling Area: On, or about, August 6, 2021, the following centrifuge driers were missing the linkage that required the brake to be activated before the lid could be opened:

1. Machine 0224, Nobles.
2. Machine 0225, Nobles.

B. Plastics Finishing: On, or about, August 27, 2021, the Henderson Bros. rotary tumbler was not provided with safeguarding.

C. Plastics Finishing: On, or about, August 27, 2021, Machine #358, a Wheelabrator Tumble Blast finishing machine, was not provided with a door interlock.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

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

A. MRB Room: On, or about, August 6, 2021, the following drill presses had not been anchored to the deburring work table:

1. Craftsman (left).
2. Delta provided with drill bit.
3. Craftsman (right).
4. Delta provided with stone wheel.

B. Maintenance Shop: On, or about, September 2, 2021, Machine # 0172, a Rockwell drill press, was not anchored to the floor.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 24 a Type of Violation: **Serious**

29 CFR 1910.215(a)(2): Abrasive wheel(s) used on grinding machinery were not provided with safety guard(s) which covered the spindle end, nut, flange projections:

- A. Maintenance Shop: On, or about, September 2, 2021, the hood guard provided on the Boyar-Shultz surface grinder did not cover the spindle, nut and flange projections.
- B. Machining Department: On, or about, September 20, 2021, the side guard provided on the Landis OD grinder did not cover the flange.
- C. Powder Metal Department: On, or about, September 29, 2021, the hood guard provided on the Boyar-Shultz surface grinder did not cover the flange.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 24 b Type of Violation: **Serious**

29 CFR 1910.215(b)(5): The angular exposure of grinding wheel periphery and sides for safety guards used on surface grinding machine(s) employing the wheel periphery exceeded 150 degrees:

Maintenance Shop: On, or about, September 2, 2021, the hood guard provided on the Boyer-Shultz surface grinder allowed approximately 165 degrees of angular exposure.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 25 a Type of Violation: **Serious**

29 CFR 1910.215(a)(4): Grinding machinery was not used with work rest(s) to support offhand grinding work or work rest(s) on grinding machinery were not adjusted closely to the wheel with a maximum opening of one eighth inch:

A. Old Pill Room: On, or about, July 28, 2021, the Central Machinery bench grinder was not provided with proper work rests. The work rest on the right side was adjusted too far from the abrasive wheel and a work rest was not provided on the left side.

B. Tool and Die Department: On, or about, August 27, 2021, the Wilton bench grinder was not provided with properly adjusted work rests. The work rests on both sides of the grinder were adjusted too far from the abrasive wheel.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 25 b Type of Violation: **Serious**

29 CFR 1910.215(b)(9): Guard for abrasive wheel machine where the operator stands in front of the machine was not constructed so that the peripheral protecting member could be adjusted to the constantly decreasing diameter of the wheel or the distance between the abrasive wheel periphery(s) and the adjustable tongue or the end of the safety guard peripheral member at the top exceeded one fourth inch:

A. Old Pill Room: On, or about, July 28, 2021, the Central Machinery bench grinder was not provided with proper tongue guards. The tongue guard provided on the right side was adjusted too far from the wheel and a tongue guard was not provided on the left side.

B. Tool and Die Department: On, or about, August 27, 2021, the Wilton bench grinder was not provided with properly adjusted tongue guards. The tongue guards on both sides of the grinder were adjusted too far from the abrasive wheel.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 27 Type of Violation: **Serious**

29 CFR 1910.217(e)(1)(i)(A): Periodic and regular inspections of each power press were not conducted to ensure that all of its parts, auxiliary equipment, and safeguards, including clutch/brake mechanism, anti-repeat feature, and single-stroke mechanism, are in safe operating condition and adjustment:

Powder Metal Department: On, or about, October 27, 2021, the employer had not conduct documented inspections of the two Federal partial revolution mechanical power presses to ensure that all press components, safeguards, auxiliary equipment and anti-repeat feature were in a safe operating condition.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 28 Type of Violation: **Serious**

29 CFR 1910.218(a)(2)(ii): There was no scheduling and recording of inspections of guards and point of operation protection devices at frequent and regular intervals for forging machine(s):

On, or about, October 27, 2021, the employer had not implemented a program of regular, documented inspections of forge equipment to ensure the safe operation of the following equipment:

- A. Furnace Room: Forge #126.
- B. Furnace Room: Forge #72.
- C. Powder Metal Department: Forge #42.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 29 Type of Violation: **Serious**

29 CFR 1910.219(b)(1): Flywheel(s) with parts seven feet or less above floor(s) or platform(s) were not guarded in accordance with the requirements specified in 29 CFR 1910.219(b)(1)(i) through (b)(1)(iv):

Powder Metal Department: On, or about, September 29, 2021, a guard was not provided on the flywheel of Press #63, a Federal partial revolution mechanical power press.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 30 a Type of Violation: **Serious**

29 CFR 1910.219(e)(1)(i): Horizontal belts which had both runs seven feet or less from the floor level were not guarded with a guard that extended to at least fifteen inches above the belt:

MRB Room: On, or about, August 6, 2021, the following drill presses were not provided with a guard over the horizontal change-speed belt:

- A. Drill press used for tapping.
- B. Delta provided with a drill bit.
- C. Delta provided with a stone wheel.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 30 b Type of Violation: **Serious**

29 CFR 1910.219(e)(3)(i): Vertical or inclined belt(s) were not enclosed by guard(s) conforming to the requirements specified at 29 CFR 1910.219(m) and (o):

A. Injection Molding Department: On, or about, September 2, 2021, a guard was not provided for the fan drive belt on the #6 Grieve-Hendry drying oven.

B. Old Pill Room: On, or about, October 27, 2021, the guard provided for the belt and pulley drive for Machine 0155, a table saw used to trim parts, was partially detached from the machine frame. Also, the guard was open on the bottom face, allowing access to the belt and pulley drive.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 31 a Type of Violation: **Serious**

29 CFR 1910.303(b)(1)(viii): Electrical equipment was not free from recognized hazards based on other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment:

Machining Department: On, or about, September 20, 2021, the replacement rotary table control box mounted on the rear of Machine #104, a Gardiner double disc grinder, was not contained in an enclosure. Coated electrical conductors were left open where they were subject to damage and contact.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 31 b Type of Violation: **Serious**

29 CFR 1910.303(b)(7)(i): Unused openings in boxes, raceways, auxiliary gutters, cabinets, equipment cases, or housings were not effectively closed to afford protection substantially equivalent to the wall of the equipment:

- A. Plastics Finishing: On, or about, August 27, 2021, a gap was left between the cover and the overcurrent devices in the large General Electric panelboard that energized presses in the work area.
- B. Main Electrical Room: On, or about, August 27, 2021, cardboard was used to cover a gap between overcurrent devices and a blank panel on a General Electric switchboard enclosure.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 31 c Type of Violation: **Serious**

29 CFR 1910.303(b)(7)(iv): There were damaged parts that may adversely affect safe operation or mechanical strength of the equipment, such as parts that are broken, bent, cut, or deteriorated by corrosion, chemical action or overheating:

Powder Metal Department: On, or about, October 27, 2021, an electrical box that was provided on the right side of Press #49, an Alpha hydraulic metal compacting press, appeared to have been struck and damaged. The box was hanging by the inner conductors, the liquid tight conduit was detached and the cover was hanging off.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 31 d Type of Violation: **Serious**

29 CFR 1910.334(a)(2)(ii): There was a defect or evidence of damage that could have exposed an employee to injury and the defective or damaged item was not removed from service:

A. Plastics, Work Area for Machine #311: On, or about, July 28, 2021, the power cord provided on the Dayton pedestal fan was damaged and wrapped with electrical tape.

B. Thermoset Department, Machine #306: On, or about, July 28, 2021, the orange extension cord used to energize a scale had a damaged outer jacket, exposing the inner conductors.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 32 Type of Violation: **Serious**

29 CFR 1910.303(b)(2): Listed or labeled electrical equipment was not used or installed in accordance with instructions included in the listing or labeling:

- A. Thermoset Department, Machine 306: On, or about, July 28, 2021, a relocatable power tap was energized through a flat, white extension cord. Relocatable power taps are not listed for use where they are energized through extension cords.
- B. Thermoset Department, Inspection Bench: On, or about, July 28, 2021, a Lasko portable fan was in use that was not designed for use in an industrial location.
- C. Old Pill Room: On, or about, August 27, 2021, a Torit Model 66 cabinet dust collector was provided for use with Machine 0155 to collect combustible dust generated when performing finishing operations on plastic parts. A Dayton Model 5K683 C motor was provided inside of the dust collector enclosure. The motor was not enclosed to prevent the entry of dust into the windings.
- D. Plastics Finishing, R.C. Finishing Bench: On, or about, August 27, 2021, a Penguin and a CoolMaster portable fans were in use that were not designed for use in an industrial location.
- E. Plastics Finishing: On, or about, August 27, 2021, a cabinet style dust collector was provided for use with the "Old Wheelabrator" abrasive tumbling machine to collect combustible dust generated in the abrasive blasting chamber. A Duty Master motor was provided inside of the dust collector enclosure. The motor was not enclosed to prevent the entry of dust into the windings.
- F. Injection Molding Department: On, or about, September 2, 2021:
 - 1. A surface mount box designed for permanent mounting was used in an extension cord assembly at Machine 204, a BOY 22S injection molding machine. The extension cord assembly was used to energize a PPE BTC15 auxiliary temperature control box.

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

2. The power cord provided for the PPE BTC15 auxiliary temperature control box was marked as a 16/3 Type SO special purpose MSHA cord which was only rated for a load of 13 amperes. The temperature control box was provided with 15 ampere receptacles and the Operation Manual stated that the unit contained overcurrent protection up to 21 amperes. The power cord did not have sufficient ampacity for the equipment.

G. Tool Room: On, or about, September 2, 2021, Machine #1004, a Hardinge horizontal lathe, was energized through a double knockout pendant box that was designed for permanent mounting.

H. Shipping and Receiving: On, or about, September 20, 2021, a series of extension cords and relocatable power taps was used to energize computer equipment at the shipping and receiving workstation. Two relocatable power taps were energized in series and through an extension cord. Relocatable power taps are not listed for use when energized through extension cords or in series.

I. Powder Metal Department, Press #80, Dorst mechanical compacting press: On, or about, September 29, 2021, a relocatable power tap was energized through a flat extension cord. Relocatable power taps are not listed for use where they are energized through extension cords.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 33 a Type of Violation: **Serious**

29 CFR 1910.303(g)(1)(i)(A): For electric equipment operating at 600 volts, nominal, or less to ground, and likely to require examination, adjustment, servicing, or maintenance while energized, the depth of the working space in the direction of access to live parts (as measured from the live parts where they were exposed or from the enclosure front or opening where they were enclosed) was less than indicated in Table S-1 of Subpart S of Part 1910:

Plastics Finishing: On, or about, August 27, 2021, a Hobart forktruck charging unit and a bench mounted finishing machine were located in the working space in front of a General Electric circuit breaker panel labeled "Power" and a panelboard that energized presses in the area.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 33 b Type of Violation: **Serious**

29 CFR 1910.303(g)(1)(i)(C): For electric equipment operating at 600 volts, nominal, or less to ground, and likely to require examination, adjustment, servicing, or maintenance while energized, the width of work space was not clear and did not extend from the grade, floor, or platform to the height required by paragraph (g)(1)(vi) of 29 CFR 1910.303. Other equipment associated with the electrical installation and located above or below the electric equipment extended more than 153 mm (6 inches) beyond the front of the electric equipment:

Furnace Room, Steam Treat Furnace: On, or about, September 2, 2021, an ACME transformer was installed in the working space for the following 480 volt disconnect boxes: Crane, Steam Boiler and Chromolox Boiler.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 33 c Type of Violation: **Serious**

29 CFR 1910.303(g)(1)(ii): The required working space about electric equipment rated 600 volts, nominal, or less to ground, was used for storage:

- A. Plastics Department, Negri Bossi H1600 Injection Molding Machine: On, or about, July 28, 2021, a pallet was stored in the working space of the Eaton fused disconnect switch.
- B. Thermoset Department: On, or about, July 28, 2021, an oil heater and a portable ladder were stored in the working space for a bank of electrical boxes and controls.
- C. Thermoset Department: On, or about, July 28, 2021, a rolling tool box and cardboard boxes were stored in front of a distribution panel and two panelboards.
- D. MRB Room: On, or about, August 6, 2021, a pallet was stored in front of a General Electric Load Center circuit breaker panel.
- E. Plastics Finishing: On, or about, August 27, 2021, a ladder, bags of media, a hose reel and boxes were stored in front of disconnect and control boxes for the steam boiler and wheelabrator equipment.
- F. Plastic Molding Area: On, or about, August 27, 2021, a pallet was stored in front of two General Electric circuit breaker panels.
- G. Injection Molding Department: On, or about, September 2, 2021, shelving used to storage change-over components for the injection molding machine was located under a GE panelboard that contained circuit breakers for Press 209 and a grinder.

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

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 34 Type of Violation: **Serious**

29 CFR 1910.303(g)(2)(i): Except as elsewhere required or permitted by Subpart S of Part 1910, live parts of electric equipment operating at 50 volts or more were not guarded against accidental contact by use of approved cabinets or other forms of approved enclosures or by any of the means identified in paragraphs (A), (B), (C), and (D) of 29 CFR 1910.303(g)(2)(i):

- A. Plastics Finishing: On, or about, August 27, 2021, an open light socket was located in the blast chamber of Machine #358, a Wheelabrator tumble blast machine.
- B. Plastics Finishing: On, or about, August 27, 2021, a General Electric circuit breaker panel labeled "Lights" did not present a dead front when the door was opened. Circuit breakers/blanks were not provided to fill the spaces which exposed the live buss bars.
- C. Injection Molding Department, Machine #204: On, or about, September 2, 2021, a Plastics Processing Equipment Model BTC 15 auxiliary temperature control unit had a gap between a control unit and the frame of the machine, explosive live electrical parts.
- D. Powder Metal Compacting: On, or about, September 29, 2021, a cover was not provided over the cam box located on the back side of Machine #92, a Cincinnati mechanical powder compacting press.
- E. Powder Metal Compacting: On, or about, September 29, 2021, a cover was not provided over the cam box located on the left side of Press #86, a Yoshizuka mechanical press.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 35 Type of Violation: **Serious**

29 CFR 1910.304(g)(5): The path to ground from circuits, equipment, and enclosures was not permanent, continuous, and effective:

A. Plastics Department, Drill press workstation located next to machine #311: On, or about, July 28, 2021, the following equipment did not have a continuous path to ground:

1. Relocatable power tap energizing the Craftsman drill press and the overhead work light.
2. The Craftsman drill press was missing the ground prong on the plug.

B. Thermoset Department, Machine 307: On, or about, July 28, 2021, the receptacle provided on the back of Machine #307 showed an open ground when tested. The receptacle was used to energize a work light at Machine #308.

C. Metal Department, Tumbling Area: On, or about, August 6, 2021, a yellow Maxx Air fan was missing the ground pin on the plug connection.

D. Maintenance Shop: On, or about, September 2, 2021, the light fixture provided at the Boyar-Shultz surface grinder was energized through an extension cord that was missing the ground prong.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 36 Type of Violation: **Serious**

29 CFR 1910.305(b)(2)(i): Pull boxes, junction boxes, and fittings were not provided with covers approved for the purpose. Each outlet box in completed installations did not have a cover, faceplate or fixture canopy:

- A. Water Recirculating Unit: On, or about, August 6, 2021, a cover was missing on the General Electric transformer located under the ITE disconnect labelled "pump".
- B. Plastics Finishing: On, or about, August 27, 2021, a cover was missing on the junction box mounted on the side of the Chromalox boiler.
- C. Plastic Molding, Machine #331, Reed: On, or about, August 27, 2021, a cover was missing on the hydraulic interlock switch junction box.
- D. Plastic Molding, White HPM: On, or about, August 27, 2021, covers were missing for the barrel position cam switches and on a valve.
- E. Plastic Molding: On, or about, August 27, 2021, a wall mounted junction box that was located above the opening that communicated with the Old Pill Room was not provided with a cover.
- F. Injection Molding Department, Machine #207, Reed Injection Molding Machine: On, or about, September 2, 2021, a cover was not provided on green junction box for press wiring and the back of the control box for the machine.
- G. Injection Molding Department, Machine 216, a HPM Injection Molding Machine: On, or about, September 2, 2021, a cover was not provided on a pressure switch used for lubricants.
- H. Injection Molding Department, Machine #265, a HPM Horizontal Injection molding machine: On, or about, September 2, 2021, a cover was not provided on the back of the control box and on a solenoid valve.
- I. Tool Room: On, or about, September 2, 2021, an elbow fitting provided on the back of Machine #0174, a REM

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

horizontal lathe, was not provided with a cover.

J. Shipping and Receiving: On, or about, September 20, 2021, a cover was not provided on the quad receptacle box that was used to energize the shrink wrap machine.

K. Power Metal Compacting: On, or about, October 6, 2021, a cover was not provided on a junction box located on the right side of Press #39, an Alpha hydraulic compacting press.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$5,461.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 37 a Type of Violation: **Serious**

29 CFR 1910.305(g)(1)(iv)(A): Flexible cords and/or cables were used as a substitute for the fixed wiring of a structure:

- A. Thermoset Department, Machine 306: On, or about, July 28, 2021, an orange extension cord was used to energize a scale.
- B. Thermoset Department, Machine 306: On, or about, July 28, 2021, a flat, white extension cord was used to energize a relocatable power tap.
- C. Thermoset Department, Machine 308: On, or about, July 28, 2021, a black extension cord was used to energize a scale. The extension cord was energized through a receptacle mounted on the back of Machine 307.
- D. Thermoset Department, Machine 308: On, or about, July 28, 2021, a green extension cord was used to energize a work light. The extension cord was energized through a receptacle mounted on the back of Machine 307.
- E. Thermoset Department, Machine 309: On, or about, July 28, 2021, a black extension cord was used to energize a work light.
- F. Thermoset Department, Machine 310: On, or about, July 28, 2021, a black extension cord was used to energize a scale.
- G. Thermoset Department, Inspection Bench: On, or about, July 28, 2021, a black extension cord was used to energize an overhead light fixture.
- H. Old Pill Room: On, or about, July 28, 2021, a green extension cord was used to energize a light fixture that was used at Machine 0155, a trimming station.
- I. Plastics Maintenance Area: On, or about, August 6, 2021, a brown two wire cord was wired into a switch box to

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

energize the overhead work light.

J. Plastics Finishing, R.C. Finishing Bench: On, or about, August 27, 2021, a series of extension cords and splitters were used to provide power to lights, fans and other equipment at a group of finishing workstations.

K. Plastic Molding Area: On, or about, August 27, 2021, a flat extension cord was used to energize a scale at the shipping/counting work station.

L. Plastic Molding: On, or about, August 27, 2021, a flat extension cord was used to energize a hanging light fixture at Machine #331, a Reed injection molding machine.

M. Maintenance Shop: On, or about, September 2, 2021, the light fixture provided on the Boyar-Shultz surface grinder was energized through an extension cord.

N. Shipping and Receiving: On, or about, September 20, 2021, a series of extension cords and relocatable power taps was used to energize computer equipment at the shipping and receiving workstation.

O. Shipping and Receiving: A flat extension cord was used to energize the shrink wrap machine.

P. Powder Metal Department, Press #80, Dorst mechanical compacting press: On, or about, September 29, 2021, a flat extension cord was used to energize a relocatable power tap that was used to energize an overhead work light.

Q. Cafeteria: On, or about, October 27, 2021, the Kenmore refrigerator was energized through an extension cord.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 37 b Type of Violation: **Serious**

29 CFR 1910.305(g)(1)(iv)(C): Flexible cords and cables were used where run through doorways, windows, or similar openings:

Metal Department, Tumbling: On, or about, August 6, 2021, a black and red extension cord was used to energize a pH sensor.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 38 Type of Violation: **Serious**

29 CFR 1910.305(g)(2)(iii): Flexible cords were not connected to devices and fittings so that tension would not be transmitted to joints or terminal screws:

- A. Plastics Department, Trimming Station #0287: On, or about, July 28, 2021, the power cord was pulled from the motor connection, exposing the inner wires.
- B. Old Pill Room: On, or about, July 28, 2021, the power cord provided on a Dayton pedestal fan appeared to have been replaced with an orange extension cord that was pinched between a cover and the motor housing.
- C. Metal Department, Tumbling Area: On, or about, August 6, 2021, the power cord for a wall mounted pH sensor was damaged at the male plug connection, reducing the level of strain relief on the terminal connections.
- D. Furnace Room, Graphite Dip Tank: On, or about, September 2, 2021. The power cord provided for the hoist pendant control was pulled from the compression fitting at the hoist housing.
- E. Shipping and Receiving: On, or about, September 20, 2021, the power cord for Machine #0237, a demagnetizer, was pulled from the male plug cable clamp, exposing the inner wires.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

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

Citation 2 Item 39 a Type of Violation: **Serious**

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

Plant: On, or about, July 14, 2021, personal protective equipment such as, but not limited to, voltage rated gloves, fire resistive clothing, face shields, balaclavas, hard hats and hearing protection were not provided to employees who performed live electrical work, including trouble-shooting, or who verified that electrical equipment was properly de-energized.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$6,827.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 39 b Type of Violation: **Serious**

29 CFR 1910.335(a)(1)(ii): Protective equipment was not maintained in a safe, reliable condition and/or was not periodically inspected or tested:

Plant: On, or about, July 14, 2021, a pair of Salisbury Class 0 voltage rated gloves had not been inspected since September 2012.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 2 Item 40 Type of Violation: **Serious**

29 CFR 1910.1200(f)(6)(ii): Except as provided in 29 CFR 1910.1200(f)(7) and 29 CFR 1910.1200(f)(8), the employer did not ensure that each container of hazardous chemicals in the workplace was labeled, tagged or marked with the product identifier and words, pictures, symbols, or combination thereof, which provide at least general information regarding the hazards of the chemicals and which, in conjunction with the other information immediately available to employees under the hazard communication program, would provide employees with the specific information regarding the physical and health hazards of the hazardous chemical:

A. Furnace Room: On, or about, September 2, 2021, the dip tank that contained a solution of Graphokote 664 was not provided with a label, sign or placard to indicate the identity of the contents and the appropriate hazard warning.

B. Oil Room: On, or about, September 2, 2021, there were several unlabeled pails and barrels that appeared to contain used oil and mineral spirits.

C. Machining Department: On, or about, September 20, 2021, the Safety Kleen Model 81 parts washer that contained Safety-Kleen Premium Solvent, a Category 4 flammable liquid with a flashpoint of 148 degrees, F. The tank was not provided with a label or placard to identify the contents of the tank or the appropriate hazard warning.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$4,096.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 1 Type of Violation: **Other-than-Serious**

29 CFR 1910.25(b)(2): The employer did not ensure that vertical clearance above any stair tread to any overhead obstruction is at least 6 feet, 8 inches (203 cm), as measured from the leading edge of the tread:

Plastic Department: On, or about, October 27, 2021, the fixed stairs leading up to the cafeteria were not provided with sufficient head room in that a horizontal beam/wall provided for the structure for the interior office was located less than six foot, eight inches above the stair risers.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 2 Type of Violation: **Other-than-Serious**

29 CFR 1910.29(f)(4): The employer did not ensure that no opening in a stair rail system exceeds 19 inches (48 cm) at its least dimension:

Furnace Room: On, or about, September 2, 2021, a set of fixed stairs located at the Steam Treat Furnace was not provided with a midrail in the guardrail system.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 3 Type of Violation: **Other-than-Serious**

29 CFR 1910.94(a)(7): Abrasive blasting dust(s) were permitted to accumulate on the floor or on ledges outside of the abrasive blasting enclosure(s):

Plastics Finishing: On, or about, August 27, 2021, blast media was present on the floor around the base of the dust collector for Wheelabrator #2 and in the walkway to access the office/storage room. The media created a slip hazard.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 4 Type of Violation: **Other-than-Serious**

29 CFR 1910.242(b): Compressed air used for cleaning purposes was not reduced to less than 30 p.s.i.:

Machining Department: On, or about, September 20, 2021, a compressed air nozzle provided at Machine #308, a Brother TC-324 CNC milling machine, was measured to be 90 p.s.i., dead-ended.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 5 Type of Violation: **Other-than-Serious**

29 CFR 1910.303(f)(2): Each service, feeder, and branch circuit, at its disconnecting means or overcurrent device, was not legibly marked to indicate its purpose, nor located and arranged so the purpose was evident:

A. Plastics Department, Work Area of Negri Bossi H1600 Horizontal Injection Molding Machine: On, or about, July 28, 2021, the electrical disconnect for the machine was not labelled to indicate its purpose.

B. Metal Department, Tumbling Area: On, or about, August 6, 2021, two ITE disconnect boxes provided for vibratory bowls were not labelled.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 6 Type of Violation: **Other-than-Serious**

29 CFR 1910.305(b)(1)(i): Conductors entering cutout boxes, cabinets, or fittings were not protected from abrasions:

- A. Plastics Department, Drill press work station near Machine #311: On, or about, July 28, 2021, the power cord connection to the motor on the Rockwell drill press (right) had an unsecured fitting. The inner conductors were exposed to the edge of the motor junction box.
- B. Plastics Maintenance Area: On, or about, August 6, 2021, armored cable that connected wiring for the overhead light fixture to a box containing a snap switch was not provided with a proper connector, exposing the inner conductors to the sharp edge of the box.
- C. Plastic Molding, Tan HPM: On, or about, August 27, 2021, a fitting for the box for the sliding door was unsecured, exposing the inner conductors.
- D. Powder Metal Department: On, or about, September 29, 2021, an electrical box provided on the back of Press #89, a Dorst mechanical compacting press had an unsecured fitting. The inner conductors were exposed to the sharp edges of the box.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 7 Type of Violation: **Other-than-Serious**

29 CFR 1910.305(j)(2)(i): Receptacles may not be installed so as to require an energized attachment plug as its source of supply:

Old Pill Room: On, or about, July 28, 2021, a quad receptacle box mounted on the grinding work bench was energized through a cord and plug connection.

Date By Which Violation Must be Abated:
Proposed Penalty:

February 24, 2022
\$0.00

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



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

Inspection Number: 1542164
Inspection Date(s): 07/14/2021 - 01/05/2022
Issuance Date: 01/06/2022

Citation and Notification of Penalty

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795

Citation 3 Item 8 Type of Violation: **Other-than-Serious**

29 CFR 1910.303(b)(8)(i): Electrical equipment was not firmly secured to the surface on which it was mounted:

Plastics Maintenance Area: On, or about, August 6, 2021, a knockout box that contained a duplex receptacle was not properly secured to the wall.

Date By Which Violation Must be Abated:
Proposed Penalty:

Corrected During Inspection
\$0.00

Dale Varney
Area Director

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

U.S. Department of Labor
Occupational Safety and Health Administration
135 High Street, Suite 361
Hartford, CT 06103



**INVOICE /
DEBT COLLECTION NOTICE**

Company Name: PM Engineered Solutions, Inc.
Inspection Site: 140 Commercial St., Watertown, CT 06795
Issuance Date: 01/06/2022

Summary of Penalties for Inspection Number: 1542164

Citation 2 Item 1, Serious	\$6,827.00
Citation 2 Item 2, Serious	\$4,096.00
Citation 2 Item 3a, Serious	\$6,827.00
Citation 2 Item 3b, Serious	\$0.00
Citation 2 Item 4a, Serious	\$4,096.00
Citation 2 Item 4b, Serious	\$0.00
Citation 2 Item 4c, Serious	\$0.00
Citation 2 Item 5a, Serious	\$4,096.00
Citation 2 Item 5b, Serious	\$0.00
Citation 2 Item 6a, Serious	\$5,461.00
Citation 2 Item 6b, Serious	\$0.00
Citation 2 Item 6c, Serious	\$0.00
Citation 2 Item 7, Serious	\$4,096.00
Citation 2 Item 8a, Serious	\$6,827.00
Citation 2 Item 8b, Serious	\$0.00
Citation 2 Item 8c, Serious	\$0.00
Citation 2 Item 9, Serious	\$9,557.00
Citation 2 Item 10, Serious	\$4,096.00
Citation 2 Item 11, Serious	\$9,557.00
Citation 2 Item 12, Serious	\$6,827.00
Citation 2 Item 13, Serious	\$9,557.00
Citation 2 Item 14, Serious	\$4,096.00
Citation 2 Item 15, Serious	\$5,461.00
Citation 2 Item 16, Serious	\$6,827.00
Citation 2 Item 17a, Serious	\$6,827.00
Citation 2 Item 17b, Serious	\$0.00
Citation 2 Item 18a, Serious	\$4,096.00
Citation 2 Item 18b, Serious	\$0.00

Citation 2 Item 18c, Serious	\$0.00
Citation 2 Item 19, Serious	\$5,461.00
Citation 2 Item 20, Serious	\$9,557.00
Citation 2 Item 21, Serious	\$9,557.00
Citation 2 Item 22, Serious	\$5,461.00
Citation 2 Item 23, Serious	\$4,096.00
Citation 2 Item 24a, Serious	\$4,096.00
Citation 2 Item 24b, Serious	\$0.00
Citation 2 Item 25a, Serious	\$5,461.00
Citation 2 Item 25b, Serious	\$0.00
Citation 2 Item 26a, Serious	\$9,557.00
Citation 2 Item 26b, Serious	\$0.00
Citation 2 Item 26c, Serious	\$0.00
Citation 2 Item 27, Serious	\$6,827.00
Citation 2 Item 28, Serious	\$5,461.00
Citation 2 Item 29, Serious	\$4,096.00
Citation 2 Item 30a, Serious	\$5,461.00
Citation 2 Item 30b, Serious	\$0.00
Citation 2 Item 31a, Serious	\$5,461.00
Citation 2 Item 31b, Serious	\$0.00
Citation 2 Item 31c, Serious	\$0.00
Citation 2 Item 31d, Serious	\$0.00
Citation 2 Item 32, Serious	\$4,096.00
Citation 2 Item 33a, Serious	\$4,096.00
Citation 2 Item 33b, Serious	\$0.00
Citation 2 Item 33c, Serious	\$0.00
Citation 2 Item 34, Serious	\$6,827.00
Citation 2 Item 35, Serious	\$6,827.00
Citation 2 Item 36, Serious	\$5,461.00
Citation 2 Item 37a, Serious	\$4,096.00
Citation 2 Item 37b, Serious	\$0.00
Citation 2 Item 38, Serious	\$4,096.00
Citation 2 Item 39a, Serious	\$6,827.00
Citation 2 Item 39b, Serious	\$0.00
Citation 2 Item 40, Serious	\$4,096.00
Citation 3 Item 1, Other-than-Serious	\$0.00
Citation 3 Item 2, Other-than-Serious	\$0.00
Citation 3 Item 3, Other-than-Serious	\$0.00
Citation 3 Item 4, Other-than-Serious	\$0.00
Citation 3 Item 5, Other-than-Serious	\$0.00
Citation 3 Item 6, Other-than-Serious	\$0.00
Citation 3 Item 7, Other-than-Serious	\$0.00
Citation 3 Item 8, Other-than-Serious	\$0.00

TOTAL PROPOSED PENALTIES: \$236,201.00

To avoid additional charges, please remit payment promptly to this Area Office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: "DOL-OSHA". Please indicate OSHA's Inspection Number (indicated above) on the remittance. You can also make your payment electronically at www.pay.gov. At the top of the pay.gov homepage, type "OSHA" in the Search field and select Search. From the **OSHA Penalty Payment Form** search result, select Continue. The direct link is:

<https://www.pay.gov/paygov/forms/formInstance.html?agencyFormId=53090334>. You will be required to enter your inspection number when making the payment. Payments can be made by credit card or Automated Clearing House (ACH) using your banking information. Payments of \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

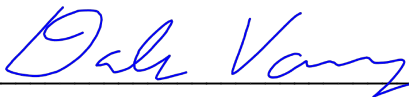
If a personal check is issued, it will be converted into an electronic fund transfer (EFT). This means that our bank will copy your check and use the account information on it to electronically debit your account for the amount of the check. The debit from your account will then usually occur within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



Dale Varney

Area Director

1/6/22

Date