

U.S. Department of Labor
Occupational Safety and Health Administration
43 Kline Village
Harrisburg, PA 17104
Phone: 717-782-3902 Fax: 717-782-3746



Citation and Notification of Penalty

To:
Titanium Metals Corporation, dba Timet
224 Valley Creek Blvd.
Suite 200
Exton, PA 19341

Inspection Number: 1049686
Inspection Date(s): 03/28/2015 - 09/18/2015
Issuance Date: 09/25/2015

Inspection Site:
900 Hemlock Road
Morgantown, PA 19543

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

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

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

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

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

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

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

Penalty Payment – Penalties are due within 15 working days of receipt of this notification unless contested. (See the enclosed booklet and the additional information provided related to the Debt Collection Act of 1982.) Make your check or money order payable to “DOL-OSHA”. Please indicate the Inspection Number on the remittance. You can also make your payment electronically on www.pay.gov. On the left side of the pay.gov homepage, you will see an option to Search Public Forms. Type “OSHA” and click Go. From the results, click on OSHA Penalty Payment Form. The direct link is:

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

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

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

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

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

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

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

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

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



NOTICE TO EMPLOYEES OF INFORMAL CONFERENCE

An informal conference has been scheduled with OSHA to discuss the citation(s) issued on 09/25/2015. The conference will be held by telephone or at the OSHA office located at 43 Kline Village, Harrisburg, PA 17104 on _____ at _____.

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

CERTIFICATION OF CORRECTIVE ACTION WORKSHEET

Inspection Number: 1049686

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543
Issuance Date: 09/25/2015

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, 43 Kline Village, Harrisburg, PA 17104**

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

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

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

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

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

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

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

Signature

Date

Typed or Printed Name

Title

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

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



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

OSH ACT of 1970 Section (5)(a)(1): OSH ACT of 1970 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 was free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that employees were exposed to fire and explosion hazards from titanium melt furnaces:

- a) G Furnace - Employees working on the G Electron Beam furnace were exposed to fire and explosion hazards when air was introduced into the unvented/unpurged hot furnace containing flammable gas after experiencing a Water Hit, on or about March 27, 2015.
- b) H Furnace - Employees working on the H Electron Beam furnace were exposed to fire and explosion hazards if air was introduced into the unvented/unpurged hot furnace containing flammable gas after experiencing a Water Hit, on or about March 27, 2015.

Abatement certification and documentation required within 10 days after abatement date. The certification shall include a statement that abatement is complete, the date and method of abatement, and state that employees and their representatives were informed of this abatement. Abatement documentation shall include documents demonstrating that abatement is complete, such as evidence of the purchase or repair of equipment, photographic or video evidence of abatement or other written records.

Among other methods, one feasible and acceptable method to correct this hazard is to properly vent and purge the furnace to prevent explosive flammable gas and air mixtures and to install vacuum/pressure gauge(s) to accurately measure and indicate the actual vacuum/pressure in the furnace during all operations in accordance with the requirements of NFPA 86:2015, Standard for Ovens and Furnaces, Sections 14.2, Location and Construction, and 14.5, Safety Equipment.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:	10/22/2015
Proposed Penalty:	\$7000.00

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



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

OSH ACT of 1970 Section (5)(a)(1): OSH ACT of 1970 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 was free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that the metal racking was not fastened to the floor.

a) Single Racking by Dock 5 of TPM - The employer provided metal racking for the storage of powdered metal. This racking was not fastened to the floor, on or about May 12, 2015

b) Triple Racking by Dock 5 of TPM - The employer provided metal racking for the storage of powdered metal. This racking was not fastened to the floor, on or about May 12, 2015.

Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Among other methods, one feasible and acceptable method to correct this hazard is to anchor column base plates to the floor with anchor bolts capable of resisting the forces caused by the horizontal and vertical loads on the rack in accordance with the requirements of ANSI MH16.1:2008, Specification for the Design, Testing and Utilization of Industrial Steel Storage Racks, Section 1.4.7 Column Base Plates and Anchors.

Date By Which Violation Must be Abated:	10/22/2015
Proposed Penalty:	\$3000.00

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

Inspection Number: 1049686
Inspection Date(s): 03/28/2015 - 09/18/2015
Issuance Date: 09/25/2015



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

29 CFR 1910.37(a)(3): Exit route(s) were not kept free and unobstructed:

a) Ring Mill Exit - The route to the exit behind the ring mill was restricted to a width approximately fifteen and one half (15 1/2) inches, on or about April 3, 2015.

Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Date By Which Violation Must be Abated:
Proposed Penalty:

10/22/2015
\$5000.00

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



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

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

29 CFR 1910.157(c)(1): Portable fire extinguishers were not mounted, located and identified so that they were readily accessible without subjecting the employees to injuries:

a) RM1 First Inner Door - When a fire extinguisher was moved, its new location was not properly identified as required by this standard, on or about April 3, 2015.

Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Date By Which Violation Must be Abated:	10/22/2015
Proposed Penalty:	\$3000.00



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

29 CFR 1910.157(c)(4): Portable fire extinguishers were not kept in their designated places at all times except during use:

a) RM1 First Inner Door - When a portable fire extinguisher in RM1 was moved to an adjacent room, the sign identifying its former location was not removed. This condition was identified on or about April 3, 2015.

Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Date By Which Violation Must be Abated:

10/22/2015



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

Citation 1 Item 5 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) RM4 AMADA Band Saw - The AMADA band saw blade was not adequately guarded during operation. A nine and one half inch (9 1/2") section of the blade on the left side was exposed because the clamp was fixed and not adjustable. A twenty-one and one half inch (21 1/2") section of blade on the right side of the clamp was exposed, the guard was flipped up because it hit the clamp when it was down. Employees were exposed to amputation hazards, on or about May 6, 2015.

Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Date By Which Violation Must be Abated:	10/22/2015
Proposed Penalty:	\$4000.00

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

Inspection Number: 1049686
Inspection Date(s): 03/28/2015 - 09/18/2015
Issuance Date: 09/25/2015



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

29 CFR 1910.212(a)(3)(ii): The point of operation of machines whose operation exposed an employee to injury, was not guarded:

a) Wilton Band Saw - The Wilton band saw was operated with the guard improperly adjusted, two and one quarter inches (2 1/4") of the blade was unguarded and employees were exposed to amputation hazards, on or about April 3, 2015. ~~¥¥~~Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Date By Which Violation Must be Abated:
Proposed Penalty:

10/22/2015
\$6000.00

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



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

29 CFR 1910.333(b)(2)(ii)(B): The circuits and equipment to be worked on were not disconnected from all electric energy sources:

a) G Furnace - The employer did not ensure that the Electron Beam gun was disconnected from all electric energy sources. The main 480 volt breaker MDP-2A was in the closed (on) position and the downstream breaker MCC-2 was locked in the closed (on) position. Employees were exposed to possible electrocution when working on or near the electron beam guns, on or about March 28, 2015.

IN THE ALTERNATIVE:

29 CFR 1910.147(d)(3): All energy isolating devices that were needed to control the energy to the machine or equipment were not physically located and operated in such a manner as to isolate the machine or equipment from the energy sources.

a) G Furnace - The employer did not ensure that the Electron Beam gun was disconnected from all electric energy sources. The main 480 volt breaker MDP-2A was in the closed (on) position and the downstream breaker MCC-2 was locked in the closed (on) position. Employees were exposed to possible electrocution when working on or near the electron beam guns, on or about March 28, 2015.

Abatement certification and documentation required within 10 days after abatement date. The certification shall include a statement that abatement is complete, the date and method of abatement, and state that employees and their representatives were informed of this abatement. Abatement documentation shall include documents demonstrating that abatement is complete, such as evidence of the purchase or repair of equipment, photographic or video evidence of abatement or other written records.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:

10/22/2015

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: 1049686
Inspection Date(s): 03/28/2015 - 09/18/2015
Issuance Date: 09/25/2015



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

Proposed Penalty:

\$7000.00

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



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

29 CFR 1910.333(b)(2)(iii)(A): A lock and a tag were not placed on each disconnecting means used to de-energize circuits and equipment on which work was to be performed:

(a) G Furnace - The employer did not ensure that 480 volt main breaker MDP-2A was a locked and tagged in the open (off) position following an explosion at the G furnace, exposing employees to the risk of electric shock or electrocution on or about March 28, 2015.

(b) G Furnace - The employer did not ensure that electron beam gun knife switch was locked and tagged in the open (off) position following an explosion at the G furnace, exposing employees to the risk of electric shock or electrocution on or about March 28, 2015.

Abatement certification and documentation required within 10 days after abatement date. The certification shall include a statement that abatement is complete, the date and method of abatement, and state that employees and their representatives were informed of this abatement. Abatement documentation shall include documents demonstrating that abatement is complete, such as evidence of the purchase or repair of equipment, photographic or video evidence of abatement or other written records.

ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM

Date By Which Violation Must be Abated:	10/22/2015
Proposed Penalty:	\$7000.00



Citation and Notification of Penalty

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543

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

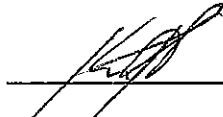
29 CFR 1910.37(b)(2): Each exit was not clearly visible and marked by a sign reading "Exit":

a) Exit MS1-1- The exit sign located at MS1-1 was not clearly visible as required by this standard, on or about May 5, 2015.

Abatement certification required within 10 days after abatement date. The certification shall include a statement that abatement is complete, date and method of abatement, and states employees and their representatives were informed of this abatement.

Date By Which Violation Must be Abated:
Proposed Penalty:

10/22/2015
\$0.00



Kevin Kilp
Area Director

U.S. Department of Labor
Occupational Safety and Health Administration
43 Kline Village
Harrisburg, PA 17104
Phone: 717-782-3902 Fax: 717-782-3746



INVOICE / DEBT COLLECTION NOTICE

Company Name: Titanium Metals Corporation, dba Timet
Inspection Site: 900 Hemlock Road, Morgantown, PA 19543
Issuance Date: 09/25/2015

Summary of Penalties for Inspection Number	1049686
Citation 1, Serious	\$42000.00
Citation 2, Other-than-Serious	\$0.00
TOTAL PROPOSED PENALTIES	\$42000.00

To avoid additional charges, please remit payment promptly to this Area Office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: "DOL-OSHA". Please indicate OSHA's Inspection Number (indicated above) on the remittance. You can also make your payment electronically on www.pay.gov. On the left side of the pay.gov homepage, you will see an option to Search Public Forms. Type "OSHA" and click Go. From the results, click on **OSHA Penalty Payment Form**. The direct link is <https://www.pay.gov/paygov/forms/formInstance.html?agencyFormId=53090334>. You will be required to enter your inspection number when making the payment. Payments can be made by credit card or Automated Clearing House (ACH) using your banking information. Payments of \$25,000 or more require a Transaction ID, and also must be paid using ACH. If you require a Transaction ID, please contact the OSHA Debt Collection Team at (202) 693-2170.

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

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

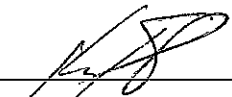
account, the bank will attempt to make the transfer up to 2 times.

Pursuant to the Debt Collection Act of 1982 (Public Law 97-365) and regulations of the U.S. Department of Labor (29 CFR Part 20), the Occupational Safety and Health Administration is required to assess interest, delinquent charges, and administrative costs for the collection of delinquent penalty debts for violations of the Occupational Safety and Health Act.

Interest: Interest charges will be assessed at an annual rate determined by the Secretary of the Treasury on all penalty debt amounts not paid within one month (30 calendar days) of the date on which the debt amount becomes due and payable (penalty due date). The current interest rate is one percent (1%). Interest will accrue from the date on which the penalty amounts (as proposed or adjusted) become a final order of the Occupational Safety and Health Review Commission (that is, 15 working days from your receipt of the Citation and Notification of Penalty), unless you file a notice of contest. Interest charges will be waived if the full amount owed is paid within 30 calendar days of the final order.

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

Administrative Costs: Agencies of the Department of Labor are required to assess additional charges for the recovery of delinquent debts. These additional charges are administrative costs incurred by the Agency in its attempt to collect an unpaid debt. Administrative costs will be assessed for demand letters sent in an attempt to collect the unpaid debt.



Kevin Kilp
Area Director

9-25-2015
Date