

## U.S. Department of Labor

Occupational Safety and Health Administration  
200 N. High Street  
Room 620  
Columbus, OH 43215  
Phone: 614-469-5582 Fax: 614-469-6791



### Citation and Notification of Penalty

**To:**  
Mahle Engine Components USA, Inc.  
and its successors  
5130 N. St. Rt. 60  
Mcconnelsville, OH 43756

**Inspection Number:** 619418  
**Inspection Date(s):** 09/05/2012 - 02/22/2013  
**Issuance Date:** 03/04/2013

**Inspection Site:**  
5130 N. St. Rt. 60  
Mcconnelsville, OH 43756

7012 2210 0001 2128 0421

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

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

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

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

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

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

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

**Penalty Payment** – Penalties are due within 15 working days of receipt of this notification unless contested. (See the enclosed booklet and the additional information provided related to the Debt Collection Act of 1982.) Make your check or money order payable to “DOL-OSHA”. Please indicate the Inspection Number on the remittance.

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

**Notification of Corrective Action** – For each violation which you do not contest, you must provide *abatement certification* to the Area Director of the OSHA office issuing the citation and identified above. This abatement certification is to be provided by letter within 10 calendar days after each abatement date. Abatement certification includes the date and method of abatement. If the citation indicates that the violation was corrected during the inspection, no abatement certification is required for that item. The abatement certification letter must be posted at the location where the violation appeared and the corrective action took place or employees must otherwise be effectively informed about abatement activities. A sample abatement certification letter is enclosed with this Citation. In addition, where the citation indicates that *abatement documentation* is necessary, evidence of the purchase or repair of equipment, photographs or video, receipts, 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](http://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 03/04/2013. The conference will be held at the OSHA office located at 200 N. High Street, Room 620, Columbus, OH 43215 on \_\_\_\_\_ at \_\_\_\_\_. Employees and/or representatives of employees have a right to attend an informal conference.

## CERTIFICATION OF CORRECTIVE ACTION WORKSHEET

Inspection Number: 619418

Company Name: Mahle Engine Components USA, Inc.  
Inspection Site: 5130 N. St. Rt. 60, Mcconnelsville, OH 43756  
Issuance Date: 03/04/2013

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, 200 N. High Street, Room 620, Columbus, OH 43215**

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:** Mahle Engine Components USA, Inc.  
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**Citation 1 Item 1** Type of Violation: **Serious**

OSH ACT of 1970 Section (5)(a)(1): 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 to employees in that employees were exposed to crushing hazards from falling loads:

a. In the area of the North and South casting lines, there were three below-the-hook lifting devices that were attached to an overhead crane's hook that were used to lift metal coils up to 6,000 pounds throughout the casting lines. The lifting devices did not have an identification plate or any other means to indicate the lifting device's lifting capacity, thereby exposing the employees to a struck-by or caught-between hazard.

b. Located in the casting department in the bell annealer section of the facility, there was a below-the-hook lifting device (spider) that was used for lifting alloy pots that did not have an identification plate or any other means to indicate the lifting device's lifting capacity, thereby exposing the employees to a struck-by or caught-between hazard.

An acceptable method to correct this hazard is outlined in ANSI/ASME B30.20 - 1.2.1 - 2003:

a. Ensure that the below-the-hook lifting devices are equipped with legible markings that indicate the lifting device's rated load and identification.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

03/28/2013  
\$5500.00



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
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**Citation 1 Item 2** Type of Violation: **Serious**

29 CFR 1910.23(c)(3): Regardless of height, open-sided floors, walkways, platforms, or runways above or adjacent to dangerous equipment, pickling or galvanizing tanks, degreasing units, and similar hazards shall be guarded with a standard railing and toe board:

- a. Located on the South casting line between the oven exit and the flattening mill, there was a stairway that employees used to gain access from one side of the casting line to the other. This stairway did not have any guardrails installed on the side of the North line tocco, thereby exposing the employees to the ingoing nip points of the v-guides.
- b. Located on the South casting line between the oven exit and the flattening mill, there was a stairway that employees used to gain access from one side of the casting line to the other. This stairway had a top rail installed, but no mid rail, thereby exposing the employees to the ingoing nip points of the v-guides.
- c. Located on the North casting line between the oven exit and the flattening mill, there was a stairway that employees used to gain access from one side of the casting line to the other. This stairway did not have any guardrails installed on the side of the North line tocco, thereby exposing the employees to the ingoing nip points of the v-guides.
- d. Located on the North casting line between the oven exit and the flattening mill, there was a stairway that employees used to gain access from one side of the casting line to the other. This stairway had a top rail installed, but no mid rail, thereby exposing the employees to the ingoing nip points of the rough mill's v-guides.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/18/2013
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:** Mahle Engine Components USA, Inc.  
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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 3 a** Type of Violation: **Serious**

29 CFR 1910.24(f): "Stair treads." All treads shall be reasonably slip-resistant and the nosings shall be of nonslip finish. Welded bar grating treads without nosings are acceptable providing the leading edge can be readily identified by personnel descending the stairway and provided the tread is serrated or is of definite nonslip design. Rise height and tread width shall be uniform throughout any flight of stairs including any foundation structure used as one or more treads of the stairs:

- a. Located on the South casting line between the oven exit and the flattening mill, there was moving coil material that ran across a stairway increasing the height and changing the uniformity of a tread on a fixed stairway to walk through the casting line. Employees were exposed to the hazards of tripping and falling while accessing the casting lines by use of this stairway.
- b. Located on the North casting line between the oven exit and the flattening mill, there was moving coil material that ran across a stairway increasing the height and changing the uniformity of a tread on a fixed stairway to walk through the casting line. Employees were exposed to the hazards of tripping and falling while accessing the casting lines by use of this stairway.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$5500.00

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: Mahle Engine Components USA, Inc.  
Inspection Site: 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.37(a)(3): Exit routes must be free and unobstructed. No materials or equipment may be placed, either permanently or temporarily, within the exit route. The exit access must not go through a room that can be locked, such as a bathroom, to reach an exit or exit discharge, nor may it lead into a dead-end corridor. Stairs or a ramp must be provided where the exit route is not substantially level:

- a. Located on the South casting line between the oven exit and the flattening mill, there was a stairway that had coil material that would move horizontally across the middle of the stairway that employees would step over in order to gain access from one side of the casting line to the other. The moving coil material served as an obstruction if the employees were required to exit the facility in an emergency situation, thereby exposing the employees to the hazards associated if an emergency were to occur.
- b. Located on the North casting line between the oven exit and the flattening mill, there was a stairway that had coil material that would move horizontally across the middle of stairway that employees would step over in order to gain access from one side of the casting line to the other. The moving coil material served as an obstruction if the employees were required to exit the facility in an emergency situation, thereby exposing the employees to the hazards associated if an emergency were to occur.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:

03/28/2013

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

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

29 CFR 1910.27(b)(1)(ii): The distance between rungs, cleats, and steps shall not exceed 12 inches and shall be uniform throughout the length of the ladder:

a. Located near Slitter #1, a platform where employees tended to hot alloy pots, was a fixed ladder that had significant damage to its metal rung. The ladder's damaged rung left a 6 inch space between the damaged rung and the next rung up the ladder that had 12 inch interval rungs, which did not allow for the rung spacing to be uniform, thereby exposing the employees to a fall hazard from the ladder of a max height of approximately five feet.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

04/18/2013  
\$4400.00

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Occupational Safety and Health Administration

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

29 CFR 1910.132(c): Design. All personal protective equipment shall be of safe design and construction for the work to be performed:

a. Located at the hot alloy ovens, employees were required to pour molten metal by hand with ceramic ladles. They were only provided with hot mill gloves, metatarsals, and flame-resistant clothing to protect them from a spill. The employees were not provided with leggings or spats, thereby exposing the employees to burn injuries from the molten metal.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

03/28/2013  
\$4400.00

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

29 CFR 1910.134(h)(2)(i): All respirators shall be stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals, and they shall be packed or stored to prevent deformation of the facepiece and exhalation valve:

a. Located adjacent to the North and South casting line, employees stored their respirators in a respirator storage room in individual lockers that did not prevent contamination to the respirators. The employees had direct access to the respirator storage room from the designated lead controlled area of the casting lines, thereby exposing the employees to lead and/or any other contaminants in the facility.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

03/28/2013  
\$6600.00

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: 619418  
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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 7 a** Type of Violation: **Serious**

29 CFR 1910.135(a)(1): The employer shall ensure that each affected employee wears a protective helmet when working in areas where there is a potential for injury to the head from falling objects:

a. Located throughout the casting department, employees were operating overhead cranes as a primary means to move material, such as, 6,000 pound coils from one location to another at heights above the employee's heads without any means of head protection, thereby exposing the employees to a struck-by hazard from the hoisted material or from the crane's hook and/or block.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 03/28/2013  
Proposed Penalty: \$6600.00

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

29 CFR 1910.179(n)(3)(vi): The employer shall require that the operator avoid carrying loads over people:

a. Located throughout the casting department, employees were operating overhead cranes as a primary means to move material, such as, 6,000 pound coils from one location to another at heights above the employee's heads without any indication to the employees that a load would be carried over their heads, thereby exposing the employees to a struck-by hazard from the hoisted material or from the crane's hook and/or block.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated: 03/28/2013

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: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
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**Citation 1 Item 8** Type of Violation: **Serious**

29 CFR 1910.184(f)(1): Sling use. Employers must use only wire-rope slings that have permanently affixed and legible identification markings as prescribed by the manufacturer, and that indicate the recommended safe working load for the type(s) of hitch(es) used, the angle upon which it is based, and the number of legs if more than one:

a. Located in the casting department, there was a 1/2 inch wire-rope sling that was used for lifting approximately 6,000 pound steel coils that did not have any indication of the wire rope's capacity, thereby exposing the employees to caught-between and struck-by hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

03/28/2013  
\$5500.00

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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**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
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**Citation 1 Item 9** Type of Violation: **Serious**

29 CFR 1910.184(f)(5): Removal from service. Wire rope slings shall be immediately removed from service if any of the following conditions are present:

29 CFR 1910.184(f)(5)(iii): Kinking, crushing, bird caging or any other damage resulting in distortion of the wire rope structure:

a. Located on the sling rack at the North casting line, there were six mechanically-spliced 1/2 inch wire rope slings that were primarily used in part to lift up to 6,000 pound steel coils throughout the facility. These coils caused significant kinking to the wire rope that the employees used, thereby exposing the employees to struck-by and/or caught-between hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

03/28/2013  
\$5500.00

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

29 CFR 1910.212(a)(3)(ii): The point of operation of machines whose operation exposes an employee to injury, shall be guarded. The guarding device shall be in conformity with any appropriate standards therefor, or, in the absence of applicable specific standards, shall be so designed and constructed as to prevent the operator from having any part of his body in the danger zone during the operating cycle:

a. Located on the North casting line, employees were required to insert six inch by nine inch Scotchbrite pads by hand under moving coil material in order to remove metal shavings. These pads were inserted inches away from the point-of-operation on a flattening roll machine that was used to shape the coil material that did not have any means of guarding the point-of-operation where the coil material fed into the equipment, thereby exposing the employees to an amputation and/or caught-in hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	04/18/2013
Proposed Penalty:	\$7000.00

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

29 CFR 1910.243(b)(2): Airhose. Hose and hose connections used for conducting compressed air to utilization equipment shall be designed for the pressure and service to which they are subjected:

- a. Located in the furnace repair section of the casting department, there was an airhose that was used in part to supply air to a pneumatic needle gun. The air hose was attached to the hose fitting by a worm drive type hose clamp which was not designed for use on an air hose, thereby exposing the employees to the whipping action of the hose if the clamp were to come off.
- b. Located on the South casting line, there was an air hose used to clean off equipment. This hose was attached to a hose fitting which was secured by a worm-driven hose clamp which was not designed for use on an air hose, thereby exposing the employees to the whipping action of the hose if the clamp were to come off.
- c. Located near slitler #2, there was a Signode pneumatic sealer that had a worm-driven hose clamp attached to its air hose that was not designed to be used on an air hose, thereby exposing the employees to the whipping action of the air hose if the clamp were to come off.
- d. Located at the North casting line, there was a Chicago pneumatic chipper (CP 4123) that had a worm-driven hose clamp attached to its air hose that was not designed to be used on an air hose, thereby exposing the employees to the whipping action of the air hose if the clamp were to come off.

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

29 CFR 1910.243(c)(3): Vertical portable grinders. Safety guards used on machines known as right angle head or vertical portable grinders shall have a maximum exposure angle of 180 deg., and the guard shall be so located so as to be between the operator and the wheel during use. Adjustment of guard shall be such that pieces of an accidentally broken wheel will be deflected away from the operator:

- a. At the North casting line, there was a seven inch portable DeWalt grinder that was used to remove slag and weld splatter that did not have a guard installed around its abrasive wheel, thereby exposing the employees to laceration hazards.
- b. Located on the South casting line, there was a 4-1/2 inch portable DeWalt grinder that was used to remove slag and weld splatter at the Taylor Winfield Butt Welder that did not have a guard installed around its cutting wheel, thereby exposing the employees to laceration hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$4400.00

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

29 CFR 1910.253(b)(2)(ii): Inside of buildings, cylinders shall be stored in a well-protected, well-ventilated, dry location, at least 20 (6.1 m) feet from highly combustible materials such as oil or excelsior. Cylinders should be stored in definitely assigned places away from elevators, stairs, or gangways. Assigned storage spaces shall be located where cylinders will not be knocked over or damaged by passing or falling objects, or subject to tampering by unauthorized persons. Cylinders shall not be kept in unventilated enclosures such as lockers and cupboards:

a. Located in the old maintenance department, an acetylene compressed cylinder, which was used for welding/cutting operations, was not secured, thereby exposing the employees to a projectile hazard if the cylinder was knocked over.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$5500.00

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**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.253(b)(4)(iii): Oxygen cylinders in storage shall be 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 five feet (1.5 m) high having a fire-resistance rating of at least one-half hour:

- a. Located adjacent to the casting department, there were several oxygen cylinders that were stored directly next to acetylene bottles without any noncombustible barrier, thereby exposing the employees to an explosion hazard if a fire would occur.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$5500.00

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:** 619418  
**Inspection Date(s):** 09/05/2012 - 02/22/2013  
**Issuance Date:** 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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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 15 a**      Type of Violation: **Serious**

29 CFR 1910.303(b)(1): Examination. Electric equipment shall be free from recognized hazards that are likely to cause death or serious physical harm to employees. Safety of equipment shall be determined using the following considerations:

29 CFR 1910.303(b)(1)(iv): Electrical insulation:

a. Located behind the bell annealer in the casting department, there was 480 volt electrical cord that was used in part to supply electrical power to the upper heating element of a bell annealer that had approximately one foot of its jacket removed, thereby exposing the employees to electrical shock hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
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.

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

Inspection Number: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnellsville, OH 43756

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

29 CFR 1910.305(b)(1)(ii): Unused openings in cabinets, boxes, and fittings shall be effectively closed:

a. Located at the South casting line at the East mill cutter electrical display box, there was an unused fitting that was not covered on the bottom of the display box where electrical wires were intended to be inserted, thereby exposing the employees to electrical shock hazards.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:

03/28/2013

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: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.303(g)(2)(ii): In locations where electric equipment is likely to be exposed to physical damage, enclosures or guards shall be so arranged and of such strength as to prevent such damage:

a. Located on the North casting line tocco, there was a light bulb fixture mounted approximately 43 inches from the walking surface on the top of the tocco that ran on a line voltage of 120 volts. The light bulb did not have a guard that would protect the employees from accidental contact, which could result in electrical shock if the bulb were to break upon contact.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$5500.00

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: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.306(b)(1): Disconnecting means for runway conductors. A disconnecting means shall be provided between the runway contact conductors and the power supply. Such disconnecting means shall consist of a motor-circuit switch, circuit breaker, or molded case switch. The disconnecting means shall open all ungrounded conductors simultaneously and shall be:

29 CFR 1910.306(b)(1)(i): Readily accessible and operable from the ground or floor level:

a. Located at the five ton crane dock rail disconnect near the furnace repair station, there were two disconnects that were not readily accessible by employees due to large crates and boxes stored in front of the disconnects, thereby exposing the employees to additional hazards such as electrical shock if an incident were to occur with an overhead crane.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$6600.00

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: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.157(c)(1): The employer shall provide portable fire extinguishers and shall mount, locate and identify them so that they are readily accessible to employees without subjecting the employees to possible injury:

a. Located on the South casting line, there were five Class BC, carbon dioxide fire extinguishers that were not mounted near the furnace for employees to put out fires when working with hot alloy. The fire extinguishers were not mounted nor were there any signs that would identify the location of the fire extinguishers, thereby exposing the employees to the hazards associated with a fire.

Mahle Engine Components USA, Inc. was previously cited for a violation of this occupational safety and health standard, which was contained in OSHA inspection number 313150401, citation number 1, item number 4(a) and was affirmed as a final order on July 12, 2010, with respect to a workplace located at 5130 North State Route 60, NW McConnelsville, Ohio 43756.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$27500.00

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:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.212(a)(1): Types of guarding: One or more methods of machine guarding shall be 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. Examples of guarding methods are-barrier guards, two-hand tripping devices, electronic safety devices, etc.:

- a. Located on the South casting line, there was a Horsburgh & Scott pull roller that pulled the coil material through the casting line that did not have any guarding, thereby exposing the employees to the ingoing nip point of the pull roller.
- b. Located on the South casting line, there was a turnstile-type recoiler, Model #4RDM - 18 (S/N C24547) that was used to coil and rotate coil material that did not have any means of protection to prevent the employees from a struck-by or caught-between hazard from the rotating assembly's feeder arms.
- c. Located on the South casting line, there was a turnstile-type recoiler, Model #4RDM - 18 (S/N C24547) that was used to coil and rotate coil material that did not have any means of protection where the coil material started its radius, thereby exposing the employees to the ingoing nip point of the recoiler's coil material.
- d. Located on the North casting line, there was a turnstile recoiler that was used to coil material that did not have any means of protection where the coil material started its radius, thereby exposing the employees to the ingoing nip point of the recoiler's coil material.
- e. Located on the North casting line, there was a turnstile-type uncoiler that unwound coil material that did not have any means of protection to prevent the employees from a stuck-by or caught-between hazard from the mandrel's rotating arms.
- f. Located on the South casting line, there was an turnstile uncoiler that unwound coil material that did not have any means of protection to prevent the employees from a struck-by or caught-between hazard from the pneumatic hold down arms.

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:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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g. Located on the South casting line, there was a PG sander that had guarding installed, but the guarding did not prevent the employees from being exposed to its roller, thereby exposing the employees to the ingoing nip point of the sander's roller.

h. Located between the South casting line etching unit exit and the muffle furnace entrance, there were two v-guide rollers on each side of the coil material that did not have any guarding installed to prevent the employees from the amputation hazard of the ingoing nip point.

i. Located on the South casting line chute exit, there were two v-guide rollers that had guarding installed, but the guarding did not prevent employee exposure from the ingoing nip points from the coil material going through the v-guide rollers.

j. Located on the South casting line flattening roll entrance, there were two v-guide rollers that had guarding installed, but the guarding did not prevent the employees from the ingoing nip points from the coil material going through the v-guide rollers.

k. Located on the South casting line rough mill unit entrance, there were four v-guide rollers that had guarding installed, but the guarding did not prevent employee exposure from the ingoing nip points from the coil material going through the v-guide rollers.

l. Located on the South casting line rough mill unit exit, there were four v-guide rollers that had guarding installed, but the guarding did not prevent employee exposure from the ingoing nip points from the coil material going through the v-guide rollers.

m. Located on the end of the South casting line, there was a roller that was used to guide coil material from the vertical position to the horizontal position to start the casting line. The roller did not have any guarding to protect the employees from where the coil material came in contact with the roller, thereby exposing the employees to an in going nip point.

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

Inspection Number: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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Mahle Engine Components USA, Inc. was previously cited for a violation of this occupational safety and health standard, which was contained in OSHA inspection number 314590118, citation number 1, item number 2 and was affirmed as a final order on February 2, 2011, with respect to a workplace located at 5130 North State Route 60, NW McConnelsville, Ohio 43756.

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$38500.00

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



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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

29 CFR 1910.304(g)(5): Grounding path. The path to ground from circuits, equipment, and enclosures shall be permanent, continuous, and effective:

- a. Located at the South casting line, there was a seven inch Dewalt grinder that was used to remove welds and weld splatter from where the coil material was butt welded. The grinder that was used had its grounding pin removed from its plug, thereby exposing the employees to electrical shock hazards.
- b. Located at the North casting line, there was a seven inch Dewalt grinder that was used to remove welds and weld splatter from where the coil material was butt welded. The grinder that was used had its grounding pin removed from its plug, thereby exposing the employees to electrical shock hazards.

**Mahle Engine Components USA, Inc. was previously cited for a violation of this occupational safety and health standard or its equivalent standard 1910.304(f)(4), which was contained in OSHA inspection number 312884463, citation number 1, item number 7 and was affirmed as a final order on March 20, 2009, with respect to a workplace located at 14161 Manchester Road, Manchester, MO 63011.**

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/28/2013
Proposed Penalty:	\$27500.00

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

Inspection Number: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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**Citation 2 Item 4** Type of Violation: **Repeat**

29 CFR 1910.305(g)(2)(iii): Flexible cords and cables shall be connected to devices and fittings so that strain relief is provided that will prevent pull from being directly transmitted to joints or terminal screws:

a. Located on the South casting line, there was electric supplied to an electrical display panel that was used to indicate coil material thickness that did not have strain relief provided for its electrical cord, thereby exposing the employees to an electrical shock hazard.

**Mahle Engine Components USA, Inc. was previously cited for a violation of this occupational safety and health standard, which was contained in OSHA inspection number 312882269, citation number 1, item number 2 and was affirmed as a final order on July 7, 2009, with respect to a workplace located at 20 Nutmeg Drive Trumbull, CT 06611-5414.**

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/18/2013
Proposed Penalty:	\$27500.00

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:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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**Citation 2 Item 5** Type of Violation: **Repeat**

29 CFR 1910.332(b)(1): Practices addressed in this standard. Employees shall be trained in and familiar with the safety-related work practices required by 1910.331 through 1910.335 that pertain to their respective job assignments:

a. Located on the South casting line near the roughing mill, an employee performed electrical work on a display panel box while being exposed to electrical hazards without being familiar with the hazards involved with electrical work or being trained in the safety related work practices, thereby exposing the employee to an electrical shock hazard.

**Mahle Engine Components USA, Inc. was previously cited for a violation of this occupational safety and health standard, which was contained in OSHA inspection number 313150401, citation number 1, item number 7 and was affirmed as a final order on July 12, 2010, with respect to a workplace located at 5130 North State Route 60, NW McConnelsville, OH 43756.**

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:	03/18/2013
Proposed Penalty:	\$27500.00

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

Inspection Number: 619418  
Inspection Date(s): 09/05/2012 - 02/22/2013  
Issuance Date: 03/04/2013



**Citation and Notification of Penalty**

**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, McConnelsville, OH 43756

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**Citation 2 Item 6** Type of Violation: **Repeat**

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

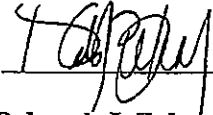
a. At the South casting line, an employee performed work on 110 volt electrical wiring into a control box that was still live, thereby exposing the employee to electrical shock hazards.

**Mahle Engine Components USA, Inc. was previously cited for a violation of this occupational safety and health standard, which was contained in OSHA inspection number 313150401, citation number 1, item number 8 and was affirmed as a final order on July 12, 2010, with respect to a workplace located at 5130 North State Route 60, NW McConnelsville, OH 43756.**

**ABATEMENT DOCUMENTATION REQUIRED FOR THIS ITEM**

Date By Which Violation Must be Abated:  
Proposed Penalty:

03/28/2013  
\$38500.00

  
Deborah J. Zubaty  
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  
200 N. High Street  
Room 620  
Columbus, OH 43215  
Phone: 614-469-5582 Fax: 614-469-6791



## INVOICE / DEBT COLLECTION NOTICE

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**Company Name:** Mahle Engine Components USA, Inc.  
**Inspection Site:** 5130 N. St. Rt. 60, Mcconnelsville, OH 43756  
**Issuance Date:** 03/04/2013

<b>Summary of Penalties for Inspection Number</b>	<b>619418</b>
<b>Citation 1, Serious</b>	<b>\$98000.00</b>
<b>Citation 2, Repeat</b>	<b>\$187000.00</b>
<b>TOTAL PROPOSED PENALTIES</b>	<b>\$285000.00</b>

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To avoid additional charges, please remit payment promptly to this Area Office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: "DOL-OSHA". Please indicate OSHA's Inspection Number (indicated above) on the remittance.

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


If a personal check is issued, it will be converted into an electronic fund transfer (EFT). This means that our bank will copy your check and use the account information on it to electronically debit your account for the amount of the check. The debit from your account will then usually occur within 24 hours and will be shown on your regular account statement. You will not receive your original check back. The bank will destroy your original check, but will keep a copy of it. If the EFT cannot be completed because of insufficient funds or closed account, the bank will attempt to make the transfer up to 2 times.

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

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

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

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

  
Deborah J. Zubay  
Area Director