



Citation and Notification of Penalty

Company Name: Adams Thermal Systems, Inc.
Inspection Site: 47920 Fifth Street, Canton, SD 57013

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

29 CFR 1910.147(c)(4)(i): Adams Thermal Systems did not develop, document, or provide the procedures required to control potentially hazardous energy for their employees who were engaged in activities covered by this section:

(a) The company did not develop and implement energy control procedures to protect employees performing maintenance and servicing work on the Matrix Core Machine at the Adams Thermal Systems plant in Canton, SD.

To abate this violation, the employer must develop, document, and utilize a machine specific procedure to lock-out and tag-out the machine when employees are engaged in maintenance and servicing activities within the Matrix Core Machine to ensure that employees are not exposed to these hazards.

Abatement Note: Abatement certification and documentation are required for this item (see enclosed "Sample Abatement Certification Letter").

Date by which Violation must be Abated: 05/11/2012
Proposed Penalty: \$70000.00



Citation and Notification of Penalty

Company Name: Adams Thermal Systems, Inc.
Inspection Site: 47920 Fifth Street, Canton, SD 57013

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

29 CFR 1910.147(c)(7)(i)(A): Adams Thermal Systems employees 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:

(a) Employees of Adams Thermal Systems were exposed to crushing, struck-by, pinch point and other hazards while performing servicing and maintenance operations on various machines including but not limited to operations inside the Matrix Core Machine, such as clearing fin jams, inspecting machine operation and evaluating machine effectiveness without having been trained on lockout/tagout requirements and responsibilities.

To abate this violation, the employer must provide training on the recognition of the machine's energy sources, the type and magnitude of the energy available on each machine, and the means necessary to isolate and control those machine energy sources to ensure that employees are not exposed to these hazards.

Abatement Note: Abatement certification and documentation are required for this item (see enclosed "Sample Abatement Certification Letter").

Date by which Violation must be Abated:
Proposed Penalty:

05/11/2012
\$70000.00



Citation and Notification of Penalty

Company Name: Adams Thermal Systems, Inc.
Inspection Site: 47920 Fifth Street, Canton, SD 57013

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

29 CFR 1910.212(a)(1): Adams Thermal Systems does not provide machine guarding of the Matrix Core Machine to protect employees from hazards such as those created by point-of-operation, ingoing nip points, and rotating parts during normal production operations:

(a) On November 7, 2011, an Adams Thermal System employee was exposed to crushing hazards and suffered a fatal injury when he was caught between the Core Press and the Header Press while adjusting a radiator core in production inside the Matrix Core Machine at the Adams Thermal Systems plant in Canton, SD.

(b) At times on or before November 7, 2011, Adams Thermal Systems employees were exposed to hazards in the area of the Core Press Anvil, the Core Tilt Table, the Tube Shuttle, the Core Press, the Header Press, the Motoman Robot, the Comb/Tube Shelf, and the False Tube while performing production work such as feeding stock into the machine and adjusting radiator cores in production.

To abate this violation, the employer must provide guarding to ensure that employees are not exposed to hazards such as those created by point-of-operation, ingoing nip points, and rotating parts.

Abatement Note: Abatement certification and documentation are required for this item (see enclosed "Sample Abatement Certification Letter").

Date by which Violation must be Abated:
Proposed Penalty:

05/11/2012
\$70000.00

A handwritten signature in black ink, appearing to read "Thomas D. Deutscher", written over a horizontal line.

Thomas D. Deutscher
Area Director