



**Key Technology, Inc.**

**Asbestos Awareness Program**

**August, 2014**

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**Purpose:**

To establish awareness for employees who may come in contact with Asbestos.

**The Hazard:**

Asbestos is a naturally occurring mineral fiber. It was used in numerous building materials and vehicle products for its strength and ability to resist heat and corrosion before its dangerous health effects were discovered. Individual asbestos fibers cannot be seen by the naked eye, which puts workers at an increased risk.

The hazard may occur during manufacturing of asbestos-containing products; performing brake or clutch repairs; renovating or demolishing buildings or ships; or cleanup from those activities; and contact with deteriorating asbestos-containing materials.

Materials are presumed to contain asbestos if installed before 1981 unless a piece of the material is sent to a reputable laboratory and analyzed for asbestos by transmission electron microscopy and found to contain a concentration of less than 1.0%.

**Possible exposure**

Asbestos materials are used in the manufacture of heat-resistant clothing, automotive brake and clutch linings, and a variety of building materials including insulation, soundproofing, floor tiles, roofing felts, ceiling tiles, asbestos-cement pipe and sheet, and fire-resistant drywall. Asbestos is also present in pipe and boiler insulation materials, pipeline wrap and in sprayed-on materials located on beams, in crawlspaces, and between walls.

**Health effects of exposure**

Exposure to asbestos has been shown to cause lung cancer, asbestosis, mesothelioma, and cancer of the stomach and colon.

**Protection for our employees**

Employees caring for asbestos-containing material (general industry) are protected by OSHA's Asbestos standard, 29 Code of Federal Regulations (CFR) Part 1910.1001.

Signs and labels shall identify the material which is present, its location, and appropriate work practices which, if followed, will ensure that asbestos containing material (ACM) and/or presumed asbestos containing material (PACM) will not be disturbed.

If employees working immediately adjacent to a Class I asbestos job are exposed to asbestos due to the inadequate containment of such job, the Company shall either remove the employees from the area until the enclosure breach is repaired or perform an initial exposure assessment.

## **Training elements of OSHA's Asbestos Standard**

Asbestos awareness training is required for employees whose work activities may bring them into contact with asbestos containing materials or presumed asbestos containing materials but does not disturb the ACM or PACM during their work activities. The annual training must be provided in a manner and language that the employees can understand.

The training must include:

- health effects of asbestos;
- locations of asbestos-containing and presumed asbestos-containing materials;
- recognition of damage and deterioration of asbestos-containing materials;
- the proper response to fiber release episodes.

If these methods are properly implemented, personal protective equipment (PPE) should not be necessary.

## **Recordkeeping**

A record of training and worker notification is necessary. If applicable, any exposure monitoring records and medical monitoring records must also be kept indefinitely.