

## **PROCESS FOR WORKING WITH LEAD**

(08/29/02) Rev 8/14/2015

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### **Testing for Lead:**

Select area to be tested. Utilize Lead Test Kit (either HybriVet Lead Check™ Test Kit and the Sensidyne Pace Environs Lead Alert™ Test Kit ) and rub swab over the material of interest, and a pink color will form from reagents placed on the swab will appear when Lead is present in quantities greater than the detection limit. Neither kit gives a quantitative value, but attempts to give a yes/no type of response to the question “Is Lead Present?” If Lead is present, as shown by the method above, proper work practices to remove lead paint must be used.

### **Work Practice Controls:**

Work practices involve the way a task is performed. OSHA has found that appropriate work practices can be a vital aid in lowering worker exposure to hazardous substances and in achieving compliance with the PEL. The following work practice controls are fundamental and easily implemented:

- 1) Good housekeeping
- 2) Use of appropriate personal hygiene practices
- 3) Use of proper procedures to perform a task
- 4) Supervision ensures that the proper procedures are followed
- 5) Use of administrative controls

If lead is present, as shown by the method above, proper work practices to remove lead paint must be used. The following activities do not generally create exposure levels above the permissible exposure limit (PEL) therefore virtually eliminate exposure to the employee if followed.

- 1) Dry hand-scraping
- 2) Removal and replacement of building components
- 3) Heat-gun removal
- 4) Chemical stripping of lead-based paint

5) Encapsulation are all activities

Surfaces and debris should be kept moist when they are being disturbed. Strip back all lead-based paint for a distance of at least 1.5 inches in all directions from the area being disturbed. Use only hand tools and keep the area wet by misting it with water before and during the operation. Before sweeping or vacuuming, dust and debris should be misted with water to reduce airborne dust. Plastic sheeting should also be misted with water before handling to reduce dust.

All retained liquid waste should be poured through a filter cloth to remove paint chips and other debris prior to disposal. Filtered materials as well as other waste and debris should be placed in appropriately labeled, 6-mil plastic bags or sealed containers suitable for the transport of lead waste, and stored in a secure area pending disposal in accordance with State and /or local requirements.

**Engineering Controls:**

Exposure levels are generally below the PEL during the performance of the above listed activities. Therefore, engineering controls are not likely to be necessary.