

Kansas Administrative Regulations

Department of Health and Environment

Article 72.—Residential Childhood Lead Poisoning Prevention Program

28-72-18b. Work practice standards; lead abatement: enclosure.

When conducting a lead abatement project using the enclosure strategy, the certified lead professional shall meet the following minimum requirements: (a) The site shall be prepared by first establishing a regulated area using fencing, barrier tape, or other appropriate barriers. The regulated area shall be marked to prevent uncertified personnel and the general public from approaching closer than 20 feet to the abatement project.

(b) Signs shall be posted at all entrances to the regulated area and shall include the words "WARNING: LEAD AREA. POISON. NO SMOKING OR EATING" in bold lettering not smaller than two inches tall, with additional language or symbols prohibiting entry to the regulated area by uncertified personnel and the general public. All signs shall be in a language that is easily recognized by all certified lead professionals and by members of the general public where the lead abatement activities are taking place.

(c) Any heating and cooling systems within the regulated area shall be shut down and the vents sealed with 6-mil polyethylene sheeting to prevent lead dust accumulation within the system.

(d) All items shall be cleaned within the regulated area by HEPA vacuuming or wet wiping with a cleaning solution, or both. Items shall then be either removed from the area or covered with 6-mil polyethylene sheeting and sealed with duct tape.

(e) At least one layer of 6-mil, or thicker, polyethylene sheeting shall be placed on the floor at the base of the component and extend at least 10 feet beyond the perimeter of the component to be enclosed.

(f) The surface to be enclosed shall be permanently labeled behind the enclosure horizontally and vertically, approximately every two feet with this warning: "Danger:

Lead-Based Paint." The lettering on the label shall be boldfaced, at least two inches tall, and in a contrasting color.

(g)(1) The enclosure shall be applied directly onto the painted surface, or a frame shall be constructed of wood or metal, using nails, staples, or screws. Glue may be used in conjunction with the aforementioned fasteners, but shall not be used alone. All enclosure items shall be back-caulked at all edges, seams, and abutment edges.

(2) The material used for the enclosure barrier shall be solid and rigid enough to provide adequate protection. Wallpaper, contact paper, films, folding walls, drapes, and similar materials shall not meet this requirement.

(3) Enclosure systems and their adhesives shall be designed to last at least 20 years.

(4) The substrate or building structure to which the enclosure is fastened shall be structurally sufficient to support the enclosure barrier for at least 20 years. If there is deterioration of the substrate or building structure that may impair the enclosure from remaining dust-tight for a minimum of 20 years, the substrate or building structure shall be repaired before attaching the enclosure. This deterioration may include mildew, water damage, dry rot, termite damage, or any structural damage.

(h) Preformed steel, aluminum, vinyl, or other construction material may be used for window frames, exterior siding, trim casings, column enclosures, moldings, or other similar components if they can be sealed.

(i) A material equivalent to one-quarter inch rubber or vinyl may be used to enclose stairs.

(j) The seams, edges, and fastener holes shall be sealed with caulk or other sealant, providing a dust-tight system.

(k) All equipment used in the regulated area shall be thoroughly cleaned with a cleaning solution or vacuumed with a HEPA vacuum, or both, before removal from the regulated area.

(l) Before clearance, the installed enclosure and surrounding regulated area shall be cleaned by vacuuming with a HEPA vacuum, wiping down all surfaces with a cleaning solution, rinsing all surfaces, and then HEPA vacuuming the area again. Cleaning shall

begin at the end of the work area farthest from the main entrance to the area and from the top to the bottom of the regulated area.

(m) All enclosure systems used shall meet the requirements of all applicable building codes and fire, health, safety, and environmental regulations.

(Authorized by and implementing K.S.A. 65-1, 202; effective, T-28-9-13-99, Sept. 13, 1999; effective Jan. 7, 2000; amended April 9, 2010.)

***** Authenticated Kansas Administrative Regulation *****