

Consideration must be given to available control techniques, the fabrication and use of asbestos containing products and exposure resulting from activities involving asbestos emission potential.

Because of the demonstrated alternatives to asbestos spraying, our regulations will flatly outlaw this activity. Spraying of non-asbestos materials are permitted subject to stringent protective measures.

Air ventilation systems can be employed to minimize emission during the mixing of fibrous fireproofing and insulation materials. Hoods can be provided at bag-opening and emptying areas. The mixing area, if not totally enclosed, should be ventilated. Conveying equipment, to and from the mixer, can be enclosed. Bagging of the mixed material should be done under suction hoods.

On-site controls needed include enclosing the area to be sprayed and employing good housekeeping procedures both before and following the spray operation. The filling of the spray machine hopper must be done carefully to minimize dust. When the machine is not in use, the hopper should be covered to prevent the material from being blown about.

Several states and manufacturing associations have published guidelines for emission control. The recommendations include the following:

1. All areas used for opening bags containing fibrous insulating materials and charging of hoppers should be enclosed. Empty bags should be properly disposed of.
2. Floor areas should be swept broom clean before spraying operations begin. All unnecessary objects in the spray area should be removed or covered with plastic or plastic coated tarpaulins.
3. The entire area to be sprayed should be enclosed with plastic or plastic coated tarpaulins. An enclosure will be considered satisfactory only if visible insulating material cannot escape from the closure.
4. Fibrous-containing material that falls to the floor should be swept up immediately and placed in approved disposable containers.
5. When spraying is completed in an area, the entire work area and the materials used to form the enclosure should be thoroughly vacuumed. The vacuum cleaner should contain a strong, single-service, disposal inner bag which shall be removed from the vacuum cleaner and sealed. Disposal is the same as for other bagged waste materials.