

Draft2 Comments by Covino Environmental Associates, Inc.
January 6, 2003

Use isolation/zone pillows as necessary to isolate sections of the system, so that sufficient negative pressure is maintained in each work zone and to prevent cross-contamination of cleaned sections by work in sections not yet cleaned.

~~7. Occupied areas or common areas in which fan unit cleaning is accomplished, will be cleaned as common spaces using the common space unit prices, immediately after the HVAC cleaning is complete.~~

~~8. These areas identified in 6 above will be air tested immediately after cleaning of the common space and analysis will be accomplished on a RUSH basis. These areas should not be opened for re occupancy until successful results are received.~~

~~9. A local capture, HEPA filtered, Air Filtration Device (AFD) will be attached to the lowest opening of a riser or the furthest point of a horizontal duct, to place the system under negative pressure.~~

~~10. Insert and inflate isolation/zone pillows, as necessary to isolate system, so that the cleaning does not extend outside the work zone.~~

~~11. Remove and clean all grills along the affected ductwork.~~

~~12. Clean all branch ducts using HEPA vacuums with brush attachments and wet methods.~~

13. Apply encapsulant to any exposed porous insulation in the AC/ventilation system fan unit or ducts.

14. Protect the floor underneath the supply grilles/diffusers or return air grilles using 6 mil polyethylene sheeting. Remove the polyethylene barriers covering the supply air diffusers/grilles and return grilles, while the duct is still under negative pressure.

~~13. Reinstall grills and install one layer of 6 mil poly over grills and secure in place with painters tape.~~

15. Remove supply air grilles and diffusers to a central location for cleaning. Clean using Simple Green or a similar environmentally safe product. Use bags if necessary when removing the grilles and/or diffusers to prevent dust or debris from being released. Reinstall supply grilles/diffusers and return air grilles after cleaning.

~~14. Clean the main duct starting from the furthest point away from the local capture AFD, (usually at the fan unit), using a combination of techniques including whips, brushes, and compressed air until no suspect WTC dust is apparent.~~

~~15. Remove the poly barriers, covering the exhaust grills, while the duct is still under negative pressure so that any loose dust or debris will be sucked into the capture system.~~

X 16. Remove and replace air filters within the AC/ventilation system fan unit or ducts.