



## A Case Study

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### **Abatement Technologies HEPA-AIRE® Air Filtration Systems Adhering to AIA Guidelines During Construction and Renovation**

Gene Domke, Director of Plant Services and Construction at Adventist Health in Portland, OR offered, "Our 2 HEPA-AIRE® PAS machines are in use every day somewhere in the hospital. They are easy to move around and hookup, and they are quiet enough to use in almost all areas. We plan to purchase a couple more."

Gene continued, "Before our last big project, we got all the subcontractors together for a training in-service to show them how and when to build a containment area around the work space and how to use the Abatement Tech scrubber to make the space negative. We sometimes use the scrubbers to control odor and dust in rooms that do not have to be made negative for work to be done. In addition to keeping the space cleaner and controlling odor, the staff feels that we are doing everything possible to keep them safe. We like the Abatement Tech machines and use them regularly."

Abatement HEPA-AIRE portable air scrubbers feature:

- Four stages of filtration, including carbon for odors
- A final stage HEPA filter individually tested and certified to a minimum efficiency of 99.97% at 0.3 microns
- User-friendly controls
- Fast, easy set-up
- Operation in three modes: negative pressure, positive pressure and recirculation
- Two available models from 150–2250 CFM
- Filter loading indicators
- Portability and maneuverability
- The only system independently tested and certified by Environmental Testing Laboratory to stringent UL standards

During such activities as disturbing ceiling tiles, sanding, heavy demolition, and electrical or computer cable installation, the Infection Control Risk Assessment (ICRA) matrix of precautions calls for the use of negative pressure. Section 5.2.D stipulates that, "Renovation areas shall be isolated from occupied areas during construction using airtight barriers, and exhaust airflow shall be sufficient to maintain negative air pressure in the construction zone." Hospitals should utilize Abatement Technologies Inc.'s HEPA-AIRE® portable air scrubbers (PAS) for compliance. They are available through Premier contract # PP-CE-149.