

ATTACHMENT
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ATTACHMENT A

VENTILATION APPROACHES AND GUIDANCE FOR
IAQ AND INDOOR SMOKING

[POSSIBLE AGENDA FOR JOINT WORKSHOPS]

I. For Existing Ventilation Systems:

- A. Increase the percentage of outdoor air to total supply air, in compliance with code, to assure appropriate dilution volumes for indoor sources;
- B. "Balance" existing supplies and exhausts to original design or use requirements. This will assure optimal air distribution in the space;
- C. Employ (B) to provide directional airflow and pressure zoning techniques for the containment of indoor exposures. For example, locate smokers near exhausts and nonsmokers near supply air diffusers. Air will move from the nonsmoking to smoking areas, not conversely.

II. For New Construction, Retrofits or Add-ons For Existing Ventilation Systems – A Number of Technologies Exist for Enhanced Effectiveness:

- A. Energy recovery ventilation;
- B. Displacement ventilation;
- C. Demand control ventilation;
- D. Advanced aircleaning and filtration;
(For descriptions of A-D, see attached)
- E. Supplemental air cleaning – "stand alone" units that remove particulate/gasses through filtration;