

## Typical Sources of Indoor Air Pollutants

Outdoor Sources	Building Equipment	Components & Furnishings	Other Indoor Sources
<p><b>Polluted Outdoor Air</b></p> <ul style="list-style-type: none"> <li>• Pollen, dust, fungal spores</li> <li>• Industrial emissions</li> <li>• Vehicle emissions</li> </ul> <p><b>Nearby Sources</b></p> <ul style="list-style-type: none"> <li>• Loading docks</li> <li>• Odors from dumpsters</li> <li>• Unsanitary debris or building exhausts near outdoor air intake</li> </ul> <p><b>Underground Sources</b></p> <ul style="list-style-type: none"> <li>• Radon</li> <li>• Pesticides</li> <li>• Leakage from underground storage tanks</li> </ul>	<p><b>HVAC Equipment</b></p> <ul style="list-style-type: none"> <li>• Microbiological growth in drip pans, ductwork, coils, and humidifiers</li> <li>• Improper venting of combustion products</li> <li>• Duct or debris in ductwork</li> </ul> <p><b>Other Equipment</b></p> <ul style="list-style-type: none"> <li>• Emission from office equipment (volatile organic compounds, ozone)</li> <li>• Emission from shop, lab, and cleaning equipment</li> </ul>	<p><b>Components</b></p> <ul style="list-style-type: none"> <li>• Microbiological growth on or in soiled or water-damaged materials</li> <li>• Dry traps that allow the passage of sewer gas</li> <li>• Materials containing volatile organic compounds, inorganic compounds, or damaged asbestos</li> <li>• Materials that produce particles (dust)</li> </ul> <p><b>Furnishings</b></p> <ul style="list-style-type: none"> <li>• Emissions from new furnishings and floorings</li> <li>• Microbiological growth on or in soiled or water damaged furnishings</li> </ul>	<ul style="list-style-type: none"> <li>• Copy/print areas</li> <li>• Food prep areas</li> <li>• Smoking lounges</li> <li>• Cleaning materials</li> <li>• Emission from trash</li> <li>• Pesticides</li> <li>• Odors and volatile organic compounds from paint</li> <li>• Insects and other pests</li> </ul> <p><b>Human</b></p> <ul style="list-style-type: none"> <li>• Occupants with communicable disease</li> <li>• Personal care products</li> <li>• Skin, urine and excrement</li> <li>• Poor personal hygiene</li> </ul>