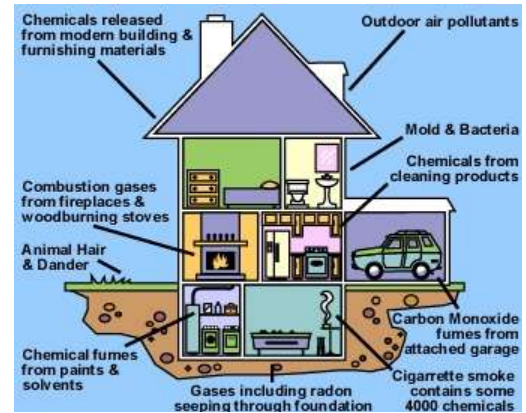


**FACT SHEET:
FACTORS AFFECTING INDOOR AIR QUALITY**



UK Occupational Health & Safety routinely conducts indoor air quality (IAQ) investigations, and can be reached at 859-257-7600 to request an investigation or if you have any questions. Below are some common factors that result in IAQ complaints.

1. Indoor

- Personal Activities (smoking or personal hygiene)
- Housekeeping (deodorizers, cleaning materials, or dust)
- Maintenance Activities (remodeling, new furniture/carpet, or pest control)
- Emissions from office equipment (photocopier machines, VDTs)
- Office supplies (toners, carbonless paper products)
- Liquid spills or leaks
- Room occupant load – not enough makeup air per person
- Indoor plants – if overwatered, they can develop soil or plant fungus
- Temperature or humidity issues from climate control system
- Uncorrected water leaks onto organic semi-porous building materials/contents resulting in mold growth

2. Outdoor

- Contaminated outdoor air (vehicle exhaust, pollen, or industrial pollutants)
- Nearby source emissions (garbage dumpsters, loading docks, or re-entrained exhaust from buildings)
- Soil gas (radon, underground storage tank vapors, or pesticides)
- Microbial from standing water (molds or mildew)

3. HVAC System

- Inadequate distribution of fresh air in ventilation system
- Dust in ductwork
- Dirty air filters
- Microbiological growth in ductworks and/or humidifiers