Ohio School Asthma Initiative

Healthy School Environment
Asthma-Related Inspection Components

Moisture Control to Reduce Trigger Exposure	No Issue Observed (0)	Minimal Issue (1)	Moderate Issue (2)	Significant Issue (3)
There should be no evidence on the building of water damage or of conditions that may cause water intrusion into the building.				
Gutters, downspouts, scuppers, and storm drains should be properly connected and should show no signs of obstruction				
Walls and windows should be intact with no signs of cracking, blistering, or peeling paint, or signs of condensation or water intrusion, including but not limited to, suspected mold.	Internal			
	External			
Carpeting and vinyl cushion tufted textile should be sanitary, dry, and secure to the floor and not installed in vestibules and corridors within 15 feet of all building entrances or in areas prone to moisture accumulation or proximate to moisture sources, including but not limited to, locker rooms, restrooms, and spaces adjacent to sinks.	Internal			
	External			
Ceilings should be present, intact, and sanitary with no water damage, stains, suspected mold, or chipping/peeling paint.				
There should be no evidence of sustained water condensation, water intrusion, water damage, or suspected mold on any surface.				
Operational showers should not be used for storage.				
Therapeutic whirlpools should be sanitary, in good repair, and the area should be equipped with an operable exhaust fan.				
All plumbing fixtures should be sanitary, operable, properly supplied, and in good repair.				
There should be no evidence of roof or plumbing leaks or other sources of water on any surface in the attic, mezzanine, basement, or crawl space.				

Ventilation Control for Good Indoor Air Quality	No Issue Observed (0)	Minimal Issue (1)	Moderate Issue (2)	Significant Issue (3)
HVAC systems should have the thermostatic controls set to operate the fan continuously during occupied periods.				
HVAC systems should not have any excessive noise, vibration, or odor from any system component.				
HVAC systems should not have any suspected mold or other debris on any system component.				
HVAC systems should have air filtration media in central air handling units and unit ventilators with a Minimum Efficiency Rating Value (MERV) of seven or greater.				
HVAC systems should have unobstructed air supply grilles or outlets and air return grilles or inlets with no rigged baffles, deflectors, or barriers affixed.				
No persistent, unusual, or objectionable odors should exist within the building.				
HVAC systems should provide adequate ventilation to prevent reasonable health complaints and to remove or dilute contaminants within the capacity of the system.				
Indoor CO_2 concentrations should not exceed 700 ppm above outdoor ambient air levels.				
Temperature and relative humidity should be kept within the capacity of the heating, ventilating, and air conditioning system installed in the building, in accordance with Appendix A.				
Fume hoods should be in use when hazardous airborne contaminants are generated as part of classroom activities. Fume hoods should be properly maintained in accordance with manufacturer's instructions and inspected annually. Documentation of all maintenance and inspections should be readily available upon inspection.				
Exhaust fans should be operable and continually operating while the building is occupied.				
Local exhaust systems should be in use when hazardous airborne contaminants are generated as part of classroom activities. Local exhaust systems should be properly maintained in accordance with manufacturer's instructions and inspected annually. Documentation of all maintenance and inspections should be readily available upon inspection.				
Kilns should have local exhaust systems and should be used under staff supervision.				

Trigger Reduction Control	No Issue Observed (0)	Minimal Issue (1)	Moderate Issue (2)	Significant Issue (3)
Schools should abide by the engine idling time policies developed in accordance with rule 3301.82.20 (O) of the Administrative Code				
No vehicles or gas-powered equipment should idle near outside air intakes, entrances or exits, or where buses are loading and unloading students.				
There should be no contaminant sources near outside-air intakes and air intakes should be protected by screens, louvers, or other filtering devices.				
Outside-air intakes should be intact and unobstructed.				
There should be no paint, roofing materials, or other sealants or coatings applied during occupied periods without the use of exposure control methods.				
Chemical products used within the school for cleaning or maintenance should be water-based and low VOC emitting whenever possible.				
Chemical storage rooms may be vented with a mechanical exhaust system. If an exhaust system is present, it should operate continuously.				
There should be no use or storage of solvent-based inks or markers that are not Art and Creative Materials Institute (ACMI) approved.				
Aerosol sprays should be used under local exhaust systems, while using the appropriate personal protective equipment. (All markers should be low or no volatile organic compound emitting)				
Drain traps servicing floors, sinks, and toilets should contain sufficient water to prevent the migration of sewer gas into the indoor environment.				
There should be no excessive accumulation of animal waste in animal containers or cages.				
Animals should not be permitted to roam in the school building, except for therapy animals or animals that are used for assistance.				
There should be a five step or fifteen foot walk-off mat at all entry points into the building				
Furniture and toys should be cleanable, clean and in good repair.				
No Smoking Signs posted in accordance with Chapter 3794 of ORC				

Integrated Pest Management to Reduce Trigger Exposure	No Issue Observed (0)	Minimal Issue (1)	Moderate Issue (2)	Significant Issue (3)
There should be no evidence of pests or obvious food sources for pests.				
All animal feed should be in tightly sealed and labeled containers and separate from human food.				
Floors should be cleaned after spills and after periods when food is served.				
Trash, recycling and compactor containers should be clean, equipped with lids (which are used) and should show no signs of attracting pests				
Doors should be properly installed and maintained to fit tightly in their frame. Exterior doors should have no cracks, gaps or other visible openings that would allow the entry of insects or other pests into the building.				
Food should be properly stored to limit attraction of pests.				

Cleaning/Housekeeping to Reduce Trigger Exposure	No Issue Observed (0)	Minimal Issue (1)	Moderate Issue (2)	Significant Issue (3)
There should be no long-term storage of items that inhibit or restrict routine maintenance or cleaning.				
Area rugs should be sanitary and in good repair.				
Box and stand fans should be properly guarded, clean, and equipped with electrical cords that are maintained in good repair. Ceiling fans should be clean and in good repair.				
There should be no excessive accumulation of dust or sediment on any surfaces.				
The cafeteria tables should be cleaned and sanitized between each use.				
There should be no accumulation of dust, suspected mold, or other material on books or shelves.				
Drapes, blinds, shades and banners should be clean and in good repair.				
There should be no excessive accumulation of chalk or marker dust.				
Chemical products used within the school for cleaning or maintenance should be water-based and low VOC emitting whenever possible.				