

**Minimum Standards for School Inspections as Set  
Forth by the Toledo-Lucas County  
Health Department**

## **Minimum Standards for School Inspections as Set Forth by the Toledo-Lucas County Health Department**

### **Section 1: Definitions.**

- (A) "Administration" means that board of education of each school district, governing board of each educational service center, the administration of each nonpublic school and the governing authority of each community school.
- (B) "Administrator" means the school principal, chief administrator or governing authority of a school building.
- (C) "Entanglement" means a condition in which the user's clothes or something around the user's neck becomes caught or entwined on a component of playground equipment.
- (D) "Entrapment" means any condition which impedes the withdrawal of a body or body part that has penetrated an opening.
- (E) "Use zone" means the area beneath and immediately adjacent to a play structure or equipment that is designated for unrestricted circulation around the equipment and where it is predicted that a user would land when falling from or exiting the equipment.
- (F) "Gym equipment" means equipment and loose furnishings used for physical education instruction.
- (G) "Local exhaust system" means an industrial ventilation system designed to capture and remove airborne contaminants at the source of emission, thereby minimizing contaminant entry into the workplace ambient air.
- (H) "Material Safety Data Sheet" means an informational sheet provided from the manufacturer of chemicals or products containing chemical. All material safety data sheets shall contain the following information:
  - (1) Chemical name and composition;
  - (2) Manufacturer and distributor name and address;
  - (3) Chemical and physical properties;
  - (4) Health/flammability/chemical reactivity hazard ratings;
  - (5) First-aid measures;
  - (6) Firefighting measures;
  - (7) Accidental release/spill measures;
  - (8) Proper handling and storage procedures;
  - (9) Exposure limits;
  - (10) Toxicological information;

(11) Personal protective equipment; and

(12) Disposal considerations.

(I) "Nonpublic school" means a chartered nonpublic school that meets the minimum education standards prescribed by the state board of education under section 3301.07 of the Revised Code.

(J) "Personal Protective Equipment" means clothing or devices worn to help isolate a person from direct exposure to a hazardous material or situation. This can include protective clothing, respiratory, eye and hearing protection and gloves.

(K) "Public school" means either of the following:

(1) A school operated by a school district, educational service center, or board of mental retardation and developmental disabilities.

(2) A community school established under Chapter 3314. Of the Revised Code, including a facility operated by internet or computer based community school, as defined in section 3314.02 of the Revised Code, that is used as a classroom or laboratory for one or more students. "Public school" does not mean the residence of a student enrolled in an internet or computer based community school.

(L) "Sanitarian" means a person who performs for compensation educational, investigational, technical or administrative duties requiring specialized knowledge and skills in the field of environmental health science and is registered with the State of Ohio as a sanitarian or sanitarian-in-training.

(M) "School inspection" means any environmental health, safety or sanitary inspection of a school building and associated grounds performed by a sanitarian employed by a board of health.

(N) "Tempered water" means water having a temperature range between eighty-five degrees to one hundred ten degrees Fahrenheit.

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## **Section 2: Purpose, scope and authority**

- (A) The purpose of the school inspection guidelines is to provide minimum standards and procedures for inspection of schools to identify conditions within the school building and grounds that may be injurious to the safety or health of building occupants. The guidelines shall establish a consistent application of inspection standards and procedures throughout the state.
- (B) The scope of the guidelines for school inspections shall include inspection of all areas of school buildings and associated grounds.
- (C) Division (B) of section 3707.26 and section 3701.935 of the Revised Code authorize the director to adopt rules establishing minimum standards for inspections.

The authority to conduct inspections in accordance with these guidelines is granted under section 3707.26 of the Revised Code which states “the board of health of a city or general health district shall conduct sanitary inspections of all schools and school buildings within their jurisdiction on bi-annual basis, or more often if in its judgement it is necessary” and under section 3701.931 of the Revised Code which states “each board of health, in addition to or in concert with inspections conducted under 3707.03 or 3707.26 of the Revised code, shall inspect each public and nonpublic school building and associated grounds within its jurisdiction at least once each year to identify conditions dangerous to public health and safety present in or on the building or grounds.” Pursuant to section 3701.931 of the Revised Code, these rules expand the sanitary inspection to include safety and environmental health inspections. Inspections conducted pursuant to those rules constitute the practice of environmental health for registered sanitarians as set forth in section 4736.01 of the Revised Code.

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### **Section 3: Responsibilities of the Toledo-Lucas County Health Department.**

- (A) The Toledo-Lucas County Health Department shall conduct school inspections in accordance with the following:
  - (1) At least one school inspection shall be conducted during regular school hours;
  - (2) Inspections shall occur not less than twice per school year;
- (B) The Toledo-Lucas County Health Department shall develop forms, templates and checklists necessary for the inspection of school building by local boards of health, to identify conditions dangerous to public health and safety in accordance with these rules.
- (C) A written report will be completed for each school inspection completed. A copy of the inspection will be provided to the school:

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**Section 4: Responsibilities of the principal, chief administrator or governing authority of each school.**

- (A) Each school principal, chief administrator or governing authority shall cooperate with the Toledo-Lucas County Health Department that has jurisdiction over the school in the conduct of school inspections by providing the following:
- (1) Access to the building and grounds for the inspection at any time during the school's operation and during regular school hours;
  - (2) Any records or other information the Toledo-Lucas county Health Department considers necessary to evaluate the health and safety of the school; and
  - (3) A representative of the school building or district shall accompany the sanitarian during the course of the inspection.

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#### **Section 4: School grounds and building exterior inspections.**

(A) School grounds and building exterior inspections shall include the following areas:

- (1) School grounds shall be in general good repair;
  - (a) All buildings shall be in general good repair;
  - (b) Vehicles or gas-powered equipment, with the exception of vehicles used by the school for student transportation, shall not idle near outside air intakes, building entrances or exits or where students are loading and unloading;
  - (c) Vehicle use areas, including bus loading and unloading areas, and pedestrian walkways shall be clearly marked;
  - (d) No trip hazards shall be present and grounds shall be maintained in a clean, orderly and sanitary condition with no litter;
  - (e) There shall be no evidence of standing water or drainage problems on the grounds adjacent to the building that may contribute to water intrusion into the building or to mosquito breeding;
  - (f) There shall be no evidence on the building of water damage or of conditions that may cause water intrusion into the building;
  - (g) There shall be no contaminant sources near outside air intakes and air intakes shall be protected by screens, louvers or other filtering device;
  - (h) Gutters, downspouts, scuppers and storm drains shall be properly connected and shall show no signs of obstruction;
  - (i) Walls and windows shall 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;
  - (j) There shall be no paint, roofing materials or other sealants or coating applied during occupied periods without the use of exposure control methods;
  - (k) The roof of a school shall be inspected by a qualified individual once a year, following severe weather, as determined by the school, and when otherwise deemed necessary. Severe weather means any weather event that could damage the roof or lead to water intrusion including, but not limited to, damaging wind, hail, lightning, ice damming or heavy rain. A roof inspection shall be conducted annually. A record of such inspection shall be kept on file at each school;
- (2) Playgrounds:
  - (a) Students shall not be allowed to use the playground during school hours without staff supervision;
  - (b) All playground equipment shall be in good repair;

- (c) Surfacing in the use zones of playground equipment, specified in this rule, shall be maintained according to the chart below:

**Maximum height (in feet) of equipment or of highest play surface based on minimum amount (in inches) of surfacing material present**

<b>Material</b>	<b>Uncompressed material: 6 inches</b>	<b>Uncompressed material: 9 inches</b>	<b>Uncompressed material: 12 inches</b>	<b>Compressed material: 9 inches</b>
Wood Chips	7 feet	10 feet	11 feet	10 feet
Double Shredded Bark Mulch	6 feet	10 feet	11 feet	7 feet
Engineered Wood Fibers	6 feet	7 feet	More than 12 feet	6 feet
Fine Sand	5 feet	5 feet	9 feet	5 feet
Coarse Sand	5 feet	5 feet	6 feet	4 feet
Fine Gravel	6 feet	7 feet	10 feet	6 feet
Medium Gravel	5 feet	5 feet	6 feet	5 feet
Shredded Tires	10 - 12 feet	N/A	N/A	N/A

- (d) Use zones around slides, swings and stationary equipment shall be free of obstructions and shall be of the following dimensions:

(i) Slides – at the base of the slide, height of platform plus four feet (not required to exceed fourteen feet) and a six foot radius from all other parts of the slide;

(ii) Swings – twice the height of the swings (from the surfacing material to the pivot point of the swing) in front and back and a six foot radius from the sides of the swing structure; and

(iii) Stationary equipment – six feet in all directions.

- (e) Equipment shall not have any openings between three and one half inches and nine inches in size;
- (f) Equipment components shall not have any protruding bolts or separations that could cause the entanglement of a portion or portions of the body, clothing, jewelry, or other items that may result in the strangulation or dismemberment of the use. The school shall make available to the sanitarian, at the time of inspection, any and all reports from inspections done of the playground;

(3) Solid waste disposal area:

- (a) Trash, recycling and compactor containers shall be in good repair;
- (b) Trash, recycling and compactor containers and surrounding areas shall be clean and located away from outdoor air intakes; and maintained nuisance free at all times;
- (c) Trash and recycling containers shall be equipped with lids and the lids shall cover the containers when not in use;



- (d) Trash compactors shall have enclosed hoppers with safety interlocks and have key operation; and
- (e) Trash, recycling, and compactor containers shall show no evidence of attracting pests.

(4) Outdoor athletic facilities:

- (a) The school shall have all bleachers, folding and telescopic seating, and grandstands inspected at least once and be properly maintained free of hazards;
- (b) There shall be no areas of standing water; and
- (c) Athletic equipment shall be stored properly to prevent water collection and discourage rodent harborage.

(B) The Toledo-Lucas County Health Department reserves the right to inspect all areas of the school grounds and associated buildings for any health and safety hazards; and to request school administration to remediate any and all reasonable health and safety issues found;

**Section 6: School indoor environments inspections.**

(A) All school indoor environments inspections shall include the following:

- (1) There shall be a five-step or fifteen foot walk off mat at main entry points into the building. If the area cannot accommodate a fifteen foot mat, the mat should be as long as the area will accommodate;
- (2) Doors shall be properly installed and maintained to fit tightly in their frame. Exterior doors shall have no cracks, gaps, or other visible openings that would allow the entry of insects or other pests into the building;
- (3) Indoor environments shall be sanitary with no signs of moisture, water damage or water intrusion, including but not limited to suspected mold, on any interior surface;
- (4) There shall be no evidence of pests or obvious food sources for pests;
- (5) Furniture and toys shall be cleanable, clean and in good repair;
- (6) There shall be no excessive accumulation of chalk or marker dust and markers shall be low or no volatile organic compound emitting;
- (7) Portable banquet tables, cafeteria tables and other portable furniture items, when not in a position intended for use, shall be stored in a manner that is inaccessible to students or shall be secured to the wall or floor to prevent injuries from tipping;
- (8) Televisions and heavy equipment that may pose a hazard by tipping or falling shall be securely anchored to a cart, wall or floor and shall be moved only by authorized personnel;
- (9) Free standing or mobile shelving shall not pose a tip-over hazard;

(10) Chemicals and cleaning products used in the classrooms shall be inaccessible to all students with the exception of chemicals used during classroom instruction;

- (a) Material safety data sheets shall be available for chemicals or cleaning products not provided by the school;

(11) Walls shall have a paint and plaster intact with no visible bowing or evidence of cracks or damage;

(12) Floors:

- (a) Floors shall be sanitary and dry with no tripping hazards;
- (b) Carpeting shall be sanitary, dry and secure to the floor and not installed in vestibules and corridors within fifteen 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: and
- (c) Area rugs shall be sanitary and in good repair, and pose no trip hazard of inhibit cleaning;

(13) Ceilings shall be present, intact and sanitary with no water damage, stains, suspected mold or chipping or peeling paint;

(14) Window panes and frames shall be clean, intact and properly caulked and glazed;

(15) Heating, ventilation and air conditioning systems shall:

- (a) Not have any excessive noise, vibration or odor from any system component;
- (b) Not have any suspected mold or other debris on any system component;
- (c) Have unobstructed air supply grills or outlets and air return grills or inlets with no rigged baffles, deflectors or barriers affixed; and
- (d) Provide adequate ventilation to prevent reasonable health complaints and to remove or dilute contaminants within the capacity of the system;

(16) School environmental health and safety inspections may include assessment of temperature and relative humidity which should be kept within the capacity of the heating, ventilating and air conditioning system installed in the building. In accordance with the American Society of Heating, Refrigerating, and Air-Conditioning Engineers and the Occupational Safety and Health Administration, it is recommended that there is temperature control in the range of 68-76° F and humidity control in the range of 20% - 60% relative humidity.

(17) Animal(s) in the building shall be managed in the following ways:

- (a) There shall be no excessive accumulation of animal waste in animal containers or cages;
- (b) Animal containers or cages shall be equipped with properly fitting lids;

(c) Hand washing facilities and or hand sanitizer shall be available and immediately used when animals are handled;

(d) Animals shall not be permitted to roam in the school building, except for therapy animals or animals that are used for assistance;

(e) Animals shall not be permitted on surfaces where food or drink is prepared or consumed;

(f) The following types of animals shall not be permitted:

(i) Nonhuman primates;

(ii) Rabies vector species, including raccoons, bats, skunks, coyotes, or fox;

(iii) Wolves or wolf-dog hybrids;

(iv) Aggressive or unpredictable animals;

(v) Stray animals with unknown health and vaccination history;

(vi) Venomous or toxin-producing spiders, insects, reptiles, and amphibians;

(vii) Dogs, cats and ferrets under sixteen weeks of age; and

(viii) Dogs, cats and ferrets that are not current on rabies vaccinations;

(g) In addition to the animals listed in paragraph (A) (18) (f) of this rule, the following animals are not permitted in classrooms with children under five years of age:

(i) Ferrets;

(ii) Reptiles and amphibians; and

(iii) Chicks, ducklings and hatching eggs;

(h) All animal feed shall be in tightly sealed and labeled containers and separate from human food;

(18) Plumbing fixtures:

(a) All plumbing fixtures shall be in good repair; and meet requirements as established in Section 9 (1) of this regulation;

(b) Drinking fountain streams shall crest a minimum of one inch above the mouth guard of the fountain;

(19) Diapering facilities, if existing or upon installation:

(a) Hand washing facilities shall be available in rooms where restroom assistance is provided;

(b) Diapering facilities shall be sanitary and in good condition. Elevated diapering facilities shall be properly guarded to prevent falls;

(20) Lighting shall be provided at the proper level of foot-candles, as found in Appendix A of this rule, in all areas of the school building and shall be equipped with guarding when appropriate;

(21) There shall be no excessive noise in the school building so as to create hearing hazards or disrupt classroom instruction;

(22) Box and stand fans shall be properly guarded, clean and equipped with electrical cords that are maintained in good repair. Ceiling fans shall be clean and in good repair; and

(23) Stand-alone laser pointers shall not be permitted on school grounds or in school buildings;

(B) Hallways and stairwells:

(1) There shall be no storage of furniture or other items in the hallway or stairwells that may impede egress from the building; and

(2) Stair treads and handrails shall be secure and in good repair;

(C) The Toledo-Lucas County Health Department reserves the right to inspect all areas of the school grounds and associated buildings for any health and safety hazards; and to request school administration to remediate any and all reasonable health and safety issues found;

### **Section 7: Specialty classroom inspections.**

(A) Inspection of science classrooms shall include the following:

(1) All doors to the science classroom shall be locked when the classroom is not occupied;

(2) Staff shall be present while the room is occupied;

(3) Master gas shutoff valve shall be clearly labeled, easily accessible in the classroom and immediately operable by staff;

(4) Food and drinks shall be prohibited in the classroom, storage room and other areas where chemicals are used or stored;

(5) There shall be no elemental mercury or thermometers, barometers or other portable devices containing elemental mercury in the classroom or storage room;

(6) There shall be no excessive accumulation of dust or sediment on any surfaces;

(7) Personal protective equipment shall be in good repair and available for use when appropriate according to the safety plan;

(8) Fume hoods shall be in use when hazardous airborne contaminants are generated as part of classroom activities. Fume hoods shall be properly maintained in accordance with

manufacturer's instructions and inspected annually. Documentation of all maintenance and inspections shall be readily available upon inspection;

(9) There shall be no use of asbestos containing materials;

(10) Hand washing facilities shall be available in the classroom and shall be required in paragraphs (F)(1) to (F)(5) of Section 9 of this regulation. Laboratory sinks may fulfill this requirement, if properly supplied;

(11) Hazard communication shall be in accordance with the following:

- (a) All containers of chemicals used in the classroom shall be properly labeled, with the exception of containers used during an immediate classroom period; and
- (b) Material safety data sheets shall be accessible to staff for all classroom chemicals;

(12) Chemical storage shall be in accordance with the following:

- (a) Chemical storage rooms and chemical storage cabinets shall be inaccessible to students or locked while not in use;
- (b) A comprehensive chemical inventory list and disposal log shall be present and immediately accessible to staff;
- (c) Chemicals shall be stored according to chemically compatible families and shall be properly labeled;
- (d) Acids and bases shall be stored in separate, dedicated cabinets;
- (e) Nitric acid shall be stored separately from all other acids;
- (f) All flammable or combustible and corrosive liquids shall be stored separately, in approved cabinets and properly labeled;
- (g) Shelves or shelving units for chemical storage shall be in good repair, adequately supported, have anti-roll lips and shall be secured to the wall or floor;
- (h) Chemical storage rooms may be vented with a mechanical exhaust system. If an exhaust system is present, it shall operate continuously;
- (i) No chemicals from Appendix B to this rule shall be used or stored in the classroom;
- (j) Chemicals shall not be stored in fume hoods, on floors or above user's line of sight;
- (k) Refrigerators used for chemical storage or specimen storage should be marked with a UL label which states the model is listed as a laboratory refrigerator; and
- (l) Food and drinks shall not be stored in refrigerators storing chemicals or specimens;

(13) Emergency showers and eyewash stations shall be operational, unobstructed and located within ten seconds of all workstations. Eyewash stations shall have a least fifteen minutes of continuous water flow with adequate pressure and shall be capable of flushing

both eyes simultaneously. Documentation that emergency showers and eyewash stations have been tested monthly shall be available upon inspection;

(14) First aid and chemical spill kits shall be appropriately supplied and immediately accessible to staff;

(B) Inspection of the visual arts classrooms shall include the following:

(1) All doors to the classroom shall be locked when the classroom is not occupied;

(2) Staff supervision shall be present while the room is occupied;

(3) If gas is used in the classroom, the master gas shutoff valve shall be clearly labeled and easily accessible in the classroom and immediately operable by staff;

(4) Food and drinks shall be prohibited in the classroom;

(5) There shall be no use or storage of the following items:

(a) Dry or powdered pigments or dry or powdered clays;

(b) Highly toxic pigments or paints (those without the AP label from ACMI) shall not be used by student without the direct supervision of staff;

(c) Materials containing heavy metals;

(d) Highly toxic solvents (those without the AP label from ACMI) shall not be used by student without the direct supervision of staff;

(e) Solvent based inks or markers that are not "Art and Creative Materials Institute" (ACMI) approved; and

(f) Asbestos containing material;

(6) Solvents shall not be used in elementary classrooms unless and AP label form ACMI is present. Solvents used in secondary education classrooms shall be covered or capped during instructional or activity periods and when not in use and shall be properly labeled.

(7) There shall be no excessive accumulation of dust or sediment on any surfaces;

(8) Personal protective equipment shall be in good repair and available for use when appropriate according to the safety plan;

(9) Aerosol sprays shall be used under local exhaust systems, while using he appropriate personal protective equipment and under staff supervision;

(10) Local exhaust systems shall be in use when hazardous airborne contaminants are generated as part of classroom activities. Local exhaust systems shall be properly maintained in accordance with manufacturer's instructions and inspected annually;

(11) Kilns shall have local exhaust systems and shall be used under staff supervision;

(12) Hand washing facilities shall be in the classroom and shall be supplied as required in paragraphs (F)(1) to (F) (5) of Section 9 of this regulation. For elementary education classrooms, hand washing facilities may be located in close proximity to the classroom;

(13) Hazard communication shall be in accordance with paragraph (A)(11) of this rule;

(14) Chemicals shall be stored in accordance with paragraph (A)(12) of this rule;

(15) Eyewash stations shall be operational, unobstructed and located within ten seconds of all work stations. Eyewash stations shall have at least fifteen minutes of continuous water flow with adequate pressure and be capable of flushing both eyes simultaneously. Documentation that eyewash stations have been tested monthly shall be available upon inspection. Elementary school art classrooms, where there is art instruction for only elementary school students, are exempt from the requirement for an eyewash station; and

(16) First aid and chemical spill kits shall be appropriately supplied and immediately accessible to staff;

(C) Inspection of the industrial arts classrooms shall include the following:

(1) All doors to the industrial arts classroom shall be locked when the classroom is not occupied;

(2) Staff supervision shall be present while the room is occupied;

(3) Master gas shutoff valve and master electrical shutoff switch shall be clearly labeled, easily accessible in the classroom and immediately operable by staff;

(4) Aisles shall be unobstructed;

(5) There shall be no trip, fall or tipping hazards;

(6) Food and drinks shall be prohibited in the classroom;

(7) There shall be no use or storage of the following items:

(a) Dry or powdered pigments or dry or powdered clays;

(b) Highly toxic pigments or paints (those without the AP label from ACMI) shall not be used by student without the direct supervision of the staff;

(c) Materials containing heavy metals;

(d) Highly toxic solvents (those without the AL label from ACMI) shall not be used by student without direct supervision;

(e) Solvent based inks or markers that are not ACMI approved;

(f) Asbestos containing materials; and

(g) Western red cedar woods;

- (8) Solvents shall be labeled appropriately and used according to labeling;
- (9) There shall be no excessive accumulation of dust, wood dust or sediment on any surfaces;
- (10) Compressed air shall not be used for cleaning purposes;
- (11) Personal protective equipment shall be in good repair and available for use when appropriate according to the safety plan;
- (12) Aerosol sprays shall be used under local exhaust systems, while using the appropriate personal protective equipment and under staff supervision;
- (13) Local exhaust systems shall be in use when hazardous airborne contaminants are generated as part of classroom activities. Local exhaust systems shall be maintained as required in paragraph (B)(10) of this rule;
- (14) Welding shields or screens shall be present, in good repair and available for use during welding;
- (15) A written safety plan shall be available;
- (16) Equipment shall be maintained according to the following methods:
  - (a) Equipment shall be in general good repair;
  - (b) Guards on blades, belts or other devices shall be operational, secure and in place when equipment is in use;
  - (c) Control switches, including emergency shut off switches, shall be accessible to any person in the classroom;
  - (d) Equipment placement shall not impede egress from the classroom;
  - (e) Equipment that poses a tipping hazard shall be securely anchored;
  - (f) All electrical cords, including extension cords, shall be in good condition with no damage or fraying; and
  - (g) There shall be no use of ungrounded extension cords or use of extension cords for permanent equipment;
- (17) Hazard communication shall be in accordance with paragraph (A)(11) of this rule;
- (18) Chemicals shall be stored in accordance with paragraph (A)(12) of this rule;
- (19) First aid and chemical spill kits shall be appropriately supplied and immediately accessible to staff;
- (20) Electrical switches and electrical outlets shall be in good repair;



(21) Emergency showers and eyewash stations shall be operational, unobstructed and located within ten seconds of all workstations. Eyewash stations shall have at least fifteen minutes of continuous water flow with adequate pressure and shall be capable of flushing both eyes simultaneously. Documentation that emergency showers and eyewash stations have been tested monthly shall be available upon inspection; and

(22) Hand washing facilities shall be in the classroom and shall be supplied as required in paragraphs (F)(1) to (F)(5) of Section 9 of this regulation;

(D) Inspection of the stage and set construction areas shall include the following:

(1) Designated stage and set construction areas shall comply with paragraphs (B) and (C) of this rule.

(E) Inspection of the music rooms shall include the following:

(1) Mouthpieces for shared instruments shall not be used by more than one student;

(F) Inspection of the family and consumer science rooms shall include the following:

(1) First aid kits shall be accessible to staff in the event of an emergency;

(2) There shall be no mercury-containing thermometers in use;

(3) All food products shall be stored off the floor and in sealed containers and there shall be no evidence of pests;

(4) All appliances shall be clean and in good repair, and a non-mercury containing thermometer shall be used to accurately reflect the temperature of the refrigerator. The refrigerator shall maintain food product temperature at an internal temperature of forty-one degrees Fahrenheit or below; and

(5) Sinks shall be maintained as required in paragraphs (F)(1) to (F)(5) of Section 9 of this regulation;

(G) The Toledo-Lucas County Health Department reserves the right to inspect all areas of the school grounds and associated buildings for any health and safety hazards; and to request school administration to remediate any and all reasonable health and safety issues found;

### **Section 8: Administrative and non-classroom inspection areas.**

(A) Inspection of the auditoriums and student dining areas shall include the following:

(1) All risers, platforms, and guardrails shall be in good repair and shall be structurally intact;

(2) The edge of the stage shall be clearly marked or elevated;

(3) Stage curtains shall be in good repair, clean and fire resistant;

(4) Portable cafeteria tables, banquet tables and other portable furniture shall be stored according to paragraph (A)(7) of Section 6 of this regulation;

(5) The cafeteria tables shall be cleaned and sanitized between each use; and

(6) Floors shall be cleaned after spills and after periods when food is served;

(B) Inspection of the library/media centers shall include the following:

(1) There shall be no accumulation of dust, suspected mold or other material on books or shelves;

(2) Televisions and heavy equipment that may pose a hazard by tipping or falling shall be securely anchored to a cart, wall or floor and shall be moved only by authorized personnel; and

(3) Shelving shall be secured according to paragraph (A)(9) of Section 7 of this regulation.

(C) Inspections of the indoor athletic facilities shall include the following:

(1) All gym equipment and associated loose furnishings shall be safe, sanitary and in good repair;

(2) Cleaning supplies shall be readily available for use under staff supervision;

(3) Appropriate protective matting shall be provided; and

(4) The school shall have all bleachers, folding and telescopic seating, and grandstands inspected at least once annually by a qualified person. Qualified person as used in this paragraph means an individual familiar with the design, installation, operation and maintenance of folding and telescopic bleachers and grandstands;

(5) Indoor aquatic facilities shall be in compliance with the requirements in Chapter 3701-31 of the Administrative Code.

(D) Inspection of locker rooms shall include the following:

(1) Hot and cold running water shall be supplied to all faucets and showers that are operational;

(2) Restroom facilities shall comply with the requirements for restrooms in paragraph (F) of this rule;

(3) There shall be no evidence of sustained water condensation, water damage, or water intrusion, including but not limited to suspected mold, on any surface;

(4) Operational showers shall not be used for storage; and

(5) Operational showers used by students shall have non-slip mats or non-slip surfacing in the vicinity of showers where wet floors may pose a slip hazard;

(E) Inspection of training or weight lifting rooms shall include the following:

- (1) Weightlifting equipment and benches shall be sanitary and in good repair, with no open rips or tears in padding;
- (2) Therapeutic whirlpools shall be sanitary, in good repair and the area shall be equipped with an operable exhaust fan; and
- (3) Cleaning supplies shall be readily available for use under staff supervision;

(F) Inspection of restrooms shall include the following:

- (1) All plumbing fixtures shall be sanitary, operable, properly supplied and in good repair;
- (2) Sinks supplied by automatic or low-flow fixtures shall provide a continuous flow of water for at least ten seconds;
- (3) Hand washing sinks shall be provided with hand cleaning liquid, powder, or bar soap and individual, disposable towels, continuous towel system that supplies the user with a clean towel or a heated-air hand drying device;
- (4) Tempered water shall be available at all sinks;
- (5) Toilet tissue shall be available at each toilet;
- (6) Floors shall be clean and dry;
- (7) Adequate waste receptacles shall be conveniently located;
- (8) Exhaust fans shall be operable and continually operating while the building is occupied; and
- (9) Diapering facilities shall be sanitary and in good condition. Elevated diapering facilities shall be properly guarded to prevent falls;
- (10) There shall be no storage of items in restrooms that will inhibit routine cleaning of restroom;

(G) Inspection of custodial closets shall include the following:

- (1) The custodial closets that are used to store chemicals shall be inaccessible to unauthorized individuals;
- (2) Existing exhaust fans shall be operated continuously;
- (3) All sinks shall be equipped with backflow prevention devices;
- (4) All containers of chemicals shall be properly labeled; and

(5) Material safety data sheets (MSDSs) shall be readily accessible to staff for all hazardous chemicals used or stored in the custodial closet;

(H) Inspection of mechanical rooms shall include the following:

- (1) Annual boiler inspection certificate shall be on file and available for inspection by the sanitarian;
- (2) All flammable or combustible liquids shall be stored in an approved flammable storage cabinet;
- (3) Floors shall be free of slip, trip and fall hazards; and
- (4) There shall be no storage of items that inhibit or restrict routine maintenance or cleaning;

(I) Inspection of attics, mezzanines, basements and crawl spaces shall include the following:

- (1) There shall be no evidence of roof or plumbing leaks or other sources of water on any surface in the attic, mezzanine, basement or crawl space; and
- (2) There shall be no animal or insect nests, waste or debris present in the attic, mezzanine, basement or crawl space.

(J) Inspection of water and waste water treatment systems shall include the following:

- (1) If a school *or school district owns*, operates or manages the drinking water or waste water systems for a school building, the school or school district shall be in compliance with any applicable regulations of the Ohio Environmental Protection Agency and the Ohio Department of Health and shall provide documentation of compliance to the sanitarian upon inspection;

(K) Inspection of the healthcare area shall include the following:

- (1) The areas used for student healthcare shall have:
  - (a) A toilet and sink adjacent to the area and not used by the general student population;
  - (b) A cot and mattress with waterproof cover;
  - (c) Access to a telephone; and
  - (d) Locked storage for medications as required by section 3313.713 of the Revised Code, except when other law allows for the carrying and self-administration of medication by the student;
- (2) The areas used for student healthcare shall have the following equipment and durable supplies:
  - (a) A current first aid reference document;
  - (b) A sharps container when sharps disposal is necessary; and

- (c) A non-mercury containing thermometer. When sphygmomanometers are present they shall be non-mercury containing;

(L) Inspection of the administrative areas shall include the following:

- (1) All appliances used in a break room shall be clean and in good repair; and
- (2) All food in break rooms shall be properly stored to limit attraction of pests. Refrigerators in break rooms shall not be used for storage of chemicals or Specimens;

(M) School rules and protocols:

Each school building administrator shall have available upon inspection, administrative rules or protocols regarding the following topics:

- (1) Asbestos. The schools shall have an asbestos management plan which includes evidence of inspection for asbestos within three years, evidence of periodic surveillance within the past six months and a copy of the yearly written notice to the public referencing asbestos inspection and the availability of the asbestos management plan for review;
- (2) School-wide safety or crisis management plan in accordance with section 3313.536 of the Revised Code which provides a protocol for responding to any emergency events that do occur and that compromise the safety of school property, students, employees, or administrators and that includes providing immediate notification to the appropriate fire department and board of health in the event of any spill or release of a hazardous substance on school grounds;
- (3) Blood borne pathogens guidance in accordance with Chapter 4167. of the Revised Code;
- (4) Medications in accordance with section 3313.713 of the Revised Code;
- (5) Material safety data sheets. A MSDS for every hazardous chemical used in the school building or on school grounds for cleaning, maintenance or instruction shall be available to staff in the areas where chemicals are used and in the school office or other appropriately designated central area of the building;
- (6) No smoking signs posted in accordance with Chapter 3794 of the Revised Code.

(N) The Toledo-Lucas County Health Department reserves the right to inspect all areas of the school grounds and associated buildings for any health and safety hazards; and to request school administration to remediate any and all reasonable health and safety issues found;

## Appendix A

<b>Lighting Level Rule Section 7-20</b>		
<b>Room Type Classification</b>	<b>Direct Lighting Footcandle Level (1)</b>	<b>Indirect Lighting Footcandle Level (2)</b>
<b>Administrative Areas</b>		
Offices/Receptions	50	40
Storage Rooms	25	25
Restrooms	25-30	25-30
Conference/Resource Rooms	50	40
Healthcare Area	50	40
Teacher Pre /Work Room	50	40
<b>Classrooms</b>		
Visual Arts Rooms	50	40
Modular Technology Labs	50	40
Drafting Labs CAD	30	30
Industrial Arts Rooms	60	60
Computer Labs	40	40
Graphics Labs	50	40
Family and Consumer Science	50	50
Science Rooms/Labs	50	50
Laundry Rooms	25	25
Music Rooms	50	40
Large Lecture Rooms	50	40
Library	50	40
Auditoriums	20	N/A
<b>Athletic Areas</b>		
Gymnasium-Elementary	50	N/A
Gymnasium-Middle	50	N/A
Gymnasium-High	60	N/A
Multi-use Phys. Ed. Rooms	50	N/A
Locker Rooms	25	25
Walking Areas		
Hallways	20	20
Stairwells	20	20
<b>Maintenance Areas</b>		
Custodial Closets	30	30
Mechanical Rooms	30	30

### Notes:

1. Direct lighting refers to light that is being directed in a downward direction towards the surface it is illuminating.
2. Indirect lighting refers to light that is directed in an upward direction or is reflected in some manner towards the surface it is illuminating.
3. Lighting levels should be obtained from pertinent work surface that are being used in a manner consistent with those found on this chart.
4. Levels found within 10% of those indicated on this chart are considered acceptable.

**Appendix B: Substances with Greater Hazardous Nature than Educational Utility  
Section 8-11(i)**

An assessment of the chemicals in the following list indicates that their hazardous nature is greater than their potential usefulness in school programs. Evaluation included physical hazards (i.e., flammability, explosive potential, reactivity, corrosivity) and health hazards (i.e., toxicity, carcinogenicity).

This following list of chemicals was generated from the *Manual of Safety and Health Hazards in the School Science Laboratory* published by U.S. Department of Health and Human Services, and National Institute for Occupational Safety and Health {1984} \* \* .

Carcinogenic substances were identified from the *Report on Carcinogens (10 Edition)* generated by the National Toxicology Program {2000}.

<b>Chemical</b>	<b>CAS Number</b>	<b>Hazard</b>
Acrylonitrile	107-13-1	Flammable, carcinogen
Ammonium Chromate	7788-98-9	Oxidizer, carcinogen
Ammonium Vanadate (Demo)**	7803-55-6	Fatal if inhaled or ingested
Ammonium Oxalate	1113-38-8	Fatal if inhaled or ingested
Aniline	62-53-3	Combustible, fatal if inhaled or ingested, or absorbed thru skin
Aniline Hydrochloride	142-04-1	Fatal if inhaled, ingested, or absorbed thru skin
Anthracene	102-12-7	Irritant
Antimony	7440-36-0	Irritant, fatal if inhaled
Antimony Trichloride	10025-91-9	Corrosive
Arsenic and Arsenic Compounds	N/A	Carcinogens
Asbestos	1332-21-4	Carcinogen
Ascarite II	N/A	Corrosive, fatal if ingested
Benzene	71-43-2	Flammable, carcinogen, mutagen
Benzoyl Peroxide	94-36-0	Flammable, explosive, oxidizer
Bromine (Demo-in solution)**	7726-95-6	Oxidizer, corrosive, fatal if inhaled or ingested
Cadmium and cadmium compounds	N/A	Carcinogens
Calcium Cyanide	592-01-8	Fatal if inhaled or ingested
Carbon Disulfide	75-15-0	Flammable, acute CNS toxicity and peripheral neurotoxicity
Carbon Tetrachloride	56-23-5	Fatal if inhaled or ingested, carcinogen
Chloral hydrate	302-17-0	Controlled barbiturate
Chlorine	7782-50-5	Oxidizer, corrosive, fatal if inhaled
Chloroform	67-66-3	Carcinogen
Chlorpromazine	50-53-3	Controlled substance
Chromic Acid	7738-94-S	Oxidizer, carcinogen

<b>Chemical</b>	<b>CAS Number</b>	<b>Hazard</b>
Chromium Hexavalent compounds	N/A	Carcinogen
Chromium Trioxide	1333-82-0	Oxidizer, corrosive, carcinogen
Colchicine	64-86-8	Fatal if ingested, mutagen
p-Dichlorobenzene	106-46-7	Combustible, carcinogen
Dimethylaniline	121-69-7	Fatal if inhaled, ingested, or absorbed thru skin
p-Dioxane	123-91-1	Flammable, carcinogen
Ethylene dichloride (1,2-Dichloroethane)	107-06-2	Flammable, carcinogen, mutagen
Ethylene Oxide	75-21-8	Flammable, explosive, fatal if inhaled or absorbed thru skin, carcinogen
Formaldehyde	50-00-0	Flammable, carcinogen
Gasoline	8006-61-9	Flammable
Gunpowder	N/A	Explosive
Hexachlorophene	70-30-4	Fatal if inhaled, ingested or absorbed thru skin, teratogen
Hydrobromic Acid	10035-10-6	Corrosive, fatal if inhaled or ingested
Hydrofluoric acid	7664-39-3	Corrosive, fatal if inhaled or ingested
Hydrogen	1333-74-0	Flammable
Hydriodic Acid	10034-85-2	Corrosive, fatal if inhaled or ingested
Lead Arsenate	7784-40-9	Carcinogen, teratogen
Lead Carbonate	1319-46-6	Fatal if inhaled or ingested, neurotoxic
Lead (VI) Chromate	7758-97-6	Fatal if inhaled or ingested, carcinogen
Lithium Metal	7439-93-2	Combustible, water reactive
Lithium Nitrate (Demo)**	7790-69-4	Oxidizer
Magnesium Metal (powder)	7439-95-4	May ignite spontaneously on contact with water
Mercury	7439-97-6	Corrosive, fatal if inhaled or ingested
Mercuric Chloride	7487-94-7	Fatal if inhaled, teratogen
Methyl Iodide	74-88-4	Fatal if inhaled, ingested, or absorbed thru skin, carcinogen
Methyl Methacrylate	80-62-6	Flammable, explosive
Methyl Orange (Demo-in solution)"	547-58-0	Mutagen
Methyl Red (Demo-in solution)**	493-52-7	Mutagen
Nickel carbonate	333-67-3	Carcinogen
Nickel Metal	7440-02-0	Carcinogen
Nickel Oxide	1314-06-03	Carcinogen



<b>Chemical</b>	<b>CAS Number</b>	<b>Hazard</b>
Nickelous Acetate	373-02-4	Carcinogen, mutagen
Nicotine	45-11-5	Fatal if ingested or absorbed thru skin
Osmium Tetroxide	20816-12-0	Fatal if inhaled or ingested
Paris Green	12002-03-8	Fatal if inhaled, ingested, or absorbed thru skin
Pentane	109-66-0	Irritant, flammable
Phenol	108-95-2	Combustible, corrosive, fatal if inhaled, ingested, or absorbed thru skin
Phosphorus Pentoxide	1314-56-3	Water reactive, corrosive
Phosphorous, red, white	7723-14-0	May ignite spontaneously in air
Phthalic Anhydride	84-44-9	Combustible, explosive, corrosive
Potassium Chromate Demo *	7789-00-6	Oxidizer, carcinogen
Potassium Metal Demo **	7440-09-7	Flammable, water reactive
Potassium Oxalate (Demo)**	583-52-8	Corrosive, fatal if ingested
Potassium Sulfide (Demo)**	1312-73-8	Spontaneously combustible, explosive, corrosive
Pyridine	110-86-1	Flammable, mutagen
Selenium	7782-49-2	Sever irritant
Silver Cyanide	506-64-9	Fatal if inhaled, ingested, or absorbed thru skin
Silver Nitrate (Demo)**	7761-88-8	Oxidizer, corrosive, fatal if ingested
Silver Oxide	20667-12-3	Oxidizer
Sodium Arsenate	7778-43-0	Fatal if inhaled or ingested, carcinogen
Sodium Arsenate	7784-46-5	Carcinogen, teratogen
Sodium Azide	26628-22-8	Explosive, fatal if ingested or absorbed thru skin
Sodium Chromate	7775-11-3	Oxidizer, corrosive, carcinogen
Sodium Cyanide	143-33-9	Fatal if inhaled , ingested, or absorbed thru skin
Sodium Dichromate (Demo- in solution only)**	105 88-01-9	Oxidizer, corrosive, fatal if ingested, carcinogen
Sodium Fluoride	7681-49-4	Fatal if inhaled or ingested
Sodium Nitrite (Demo)**	7632-00-0	Oxidizer
Sodium Sulfide	1313-82-2	Corrosive, fatal if ingested or inhaled
Sodium Thiocyanide	540-72-7	Contact with acid liberates a toxic gas
Stannic Chloride (anhydrous)	7646-78-8	Corrosive
Stearic Acid Demo)**	57-11-4	May form combustible dust
Strontium	7440-24-6	Water reactive
Strontium Nitrate (Demo)**	10042-76-9	Oxidizer
Sudan IV	85-83-6	Irritant

Chemical	CAS Number	Hazard
Sulfuric Acid, fuming	8014-95-7	Corrosive, fatal if ingested
Tannic Acid	1401-55-4	Irritant
Tetrabromoethane	79-27-6	Fatal if inhaled, ingested, or absorbed thru skin
Thiacetamide	62-55-5	Carcinogen
Thiourea	62-56-6	Carcinogen
Titanium Trichloride	7705-07-9	Water reactive, corrosive
Titanium Tetrachloride	7505-07-9	Water reactive, corrosive
o-Toluidine	95-53-4	Carcinogen
Trichloroethylene	79-01-6	Mutagen
Uranium	7440-61-1	Radioactive
Uranylacetate	541-09-3	Radioactive
Urethane	51-79-6	Combustible, carcinogen
Wood's Material	8049-22-7	Fatal if inhaled or ingested, carcinogen, neurotoxic

**\*\* Please note that starred chemicals found in the above list are to be used for demonstration purposes only (some in solution) or under direct supervision of the instructor.**