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Use of Eye Protective Devices in Schools

Sec. 10-214a-1. Protective devices required

Any person who is working, teaching, observing, supervising, assisting in or engaging in any work, activity or study in a public or private elementary or secondary school laboratory or workshop where the process used tends to damage the eyes or where protective devices can reduce the risk of injury to the eyes concomitant with such activity shall wear an eye protective device of industrial quality in the manner in which such device was intended to be worn. For the purposes of sections 10-214a-1 to 10-214a-3, inclusive, "workshop" and "laboratory" shall include any room or area used to teach or practice industrial arts, vocational and technical education, science, arts and crafts, or any similar skill, activity or subject. The following list of sources of danger to the eyes and the type of protection required to be worn in each case is exemplary, not exclusive:

Source of Danger to the Eyes	Type of Protection Required
(a) Caustic or explosive chemicals	Clear goggles, splash proof
(b) Explosives, solids or gases	Clear goggles
(c) Dust producing operations	Clear goggles, splash proof
(d) Electric arc welding	Welding helmet
(e) Oxy-acetylene welding	Colored goggles or welding helmet
(f) Hot liquids and gases	Clear goggles, splash proof
(g) Hot solids	Clear or colored goggles, or spectacles
(h) Molten metals	Clear or colored goggles
(i) Heat treatment or tempering of metals	Clear or colored goggles
(j) Glare operations	Colored spectacles or goggles, or welding helmet
(k) Shaping of solid materials; Chipping, cutting, grinding, milling, sawing, stamping	Clear goggles or spectacles
(l) Repairing or servicing of vehicles when hazard is foreseeable	Clear goggles or spectacles
(m) Spraying and dusting	Clear goggles, splash proof
(n) Other similar activity being conducted in the instructional program which risks damage to the eyes	Proper eye protective device

(Effective January 9, 1968.)

Sec. 10-214a-2. Design and construction of device

Any eye protective device used in such school workshops or laboratories shall be designed and constructed to resist impact, provide protection against the particular hazard for which it is intended, fit snugly without interfering with the movements of the user and be durable, cleanable, and capable of frequent disinfection by the method prescribed for such device by the school medical adviser. All materials used in such eye protective devices shall be mechanically strong and lightweight, non-irritating to perspiring skin and capable of withstanding washing in detergents and warm water, rinsing to remove all traces of detergent and disinfection by methods prescribed by the school medical adviser without visible deterioration or discoloration. Metals used in such devices shall be inherently corrosion resistant. Plastics

so used shall be nonflammable and shall not absorb more than five per cent of their weight in water.

(Effective January 9, 1968.)

Sec. 10-214a-3. Duty of school governing board

The governing board or body of each public and private elementary and secondary school in the state shall require the use of appropriate eye protective devices in each laboratory and workshop by any person in such areas during any activity risking damage to the eyes. Such boards shall enforce such rules and the regulations in sections 10-214a-1 to 10-214a-3, inclusive, shall provide safety instructions in eye safety practices and the use of eye safety devices appropriate to the activity engaged in, and shall post warnings and instructions in laboratories and workshops which include the list of hazards and protection required set forth in section 10-214a-1. Such boards shall make and enforce rules for the maintenance of all eye protective devices in clean, safe condition and shall replace any such protector which becomes irritating to the skin.

(Effective January 9, 1968.)