

SELF ASSESSMENT
RULES AND REGULATIONS GOVERNING SCHOOLS IN THE STATE OF COLORADO
 CHAPTER 8 B Laboratory, Industrial, Art, and Vocational Hazards

Section	Requirement	Compliance Assessment	Needed for Compliance and/or Comments
8-101	<p>What provisions are made for the protection of students engaging in arts, crafts, industrial arts, physical sciences, vocational, educational or other activities where hazardous chemicals are used?</p> <p>Does the school have a purchasing policy for chemicals and chemical products?</p> <p>Does the school have a policy to ensure that chemicals which present inhalation hazards are used only in an appropriate fume hood?</p> <p>Are procedures and instructions posted?</p>		
8-102	Are all chemicals stored in approved containers?		
	Are laboratory chemicals stored in approved laboratory containers?		
8-102	Are all laboratory chemicals separated and stored by reactive group?		
	All laboratory chemicals are stored in a ventilated, locked, fire-resistant area or cabinet.		
8-103	Are all chemicals, poisons, corrosive substances and flammable liquids clearly labeled with the name of the material and the date the material entered the school?		
8-105	Are all chemicals, solvents, and hazardous substances inventoried at least once a year? This includes laboratory chemicals, industrial chemicals, cleaning chemicals, etc.		
	Does the chemical inventory include the name of each		

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	compound, the amount, and the date it entered the school?		
	Is a copy of the chemical inventory kept on file in a location away from the areas where the chemicals are stored? Where is a copy of the chemical inventory kept?		
8-106	Are current material safety data sheets provided for all poisonous, toxic, or hazardous substances? Where are the MSDS kept?		
8-107	Are the responsible staff familiar with the chemical storage, handling, and use requirements of the National Fire Protection Association Code? Who is responsible for chemical management?		
8-108	Are refrigerators used to store flammable compounds are explosion proof?		
8-109	Does the school have a written plan for response to and cleanup of chemical spills? Are all persons who handle chemicals familiar with the written plan?		
8-110	Does the school have a written plan that explains the proper storage, handling and disposal procedures for all poisonous, toxic or hazardous substances? Is the plan kept on file, in a area away from the area where the substances are stored?		

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	Are all persons who handle chemicals familiar with the plan?		
8-110	Is the person responsible for disposal of hazardous substances familiar with the requirements of the <i>Colorado Hazardous Waste Regulations</i> ?		
8-111	Is a list of first aid procedures for accidental poisoning posted near a telephone, along with the number of the nearest poison control center?		
8-112	Is the storage, preparation, and consumption of food and drink prohibited in any area where there are poisonous, toxic or hazardous substances?		
8-113	Is glassware of the proper design for its intended use and is stored and handled in a safe manner?		
8-114	Are mouth pipets no longer used?		
8-115	Is clean, sanitized eye protection that meets the ANSI standards provided for and worn by all students participating in, observing, or in close proximity to experiments or activities which could result in eye injury?		
8-116	Are easily accessible fire blankets provided in all areas where an open flame is used?		
8-117	Are handwashing facilities provided in all areas where poisonous, irritating or toxic materials are handled?		
8-118	Are easily accessible eye wash fountains provided in all areas where corrosives or irritating chemicals are used? Eye wash bottles are not permitted as substitutes for permanent eye wash fountains.		

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	Is the eye wash fountain tested annually? Where are the records of annual testing kept?		
8-119	Are easily accessible safety showers, capable of providing continuous flowing water provided for each area where corrosive or irritating chemicals are used? Are the safety showers tested yearly?		
8-120	Are master gas valves and electric shut-off switches provided where ever power equipment is used?		
8-121	Are all emergency and safety equipment (master valves, shut-off switches, eye wash fountains, safety showers, fire extinguishers and fire-alarm pull stations) labeled for high visibility?		
8-121	Is all emergency and safety equipment tested at least annually?		
8-121	Are fire extinguishers appropriate for their intended use?		
8-201	Is adequate ventilation provided in areas where there is exposure to hazardous or toxic materials? In which areas is there exposure to hazardous or toxic materials?		
8-202	Are contaminants exhausted away from the students=breathing zones? In which areas are students exposed to airborne contaminants?		

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8-203	Is the fume hood capacity sufficient for all activities producing hazardous, toxic or noxious gases, mists, vapors or dusts? What type(s) of fume hoods are provided?		
	Are fume hoods tested yearly?		
	Do discharges from exhaust hoods meet the applicable Colorado Air Pollution Standards?		

FOR ADDITIONAL ASSISTANCE WITH CHEMICAL MANAGEMENT, PLEASE CONTACT THE COLORADO DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT, CONSUMER PROTECTION DIVISION, AT 303-692-3635.