

LOS ANGELES UNIFIED SCHOOL DISTRICT
Division of Adult and Career Education

BULLETIN NO. 53
May 6, 1999

SUBJECT: GUIDELINES FOR SAFETY IN SHOP CLASSES

- I. Power Actuated Equipment
- II. Hand Tool Operations
- III. Other Activities
- IV. Proper Clothing

CAL/OSHA legislation specially states: eye protective devices shall be worn while repairing or servicing any vehicles, machinery, equipment, or using any hazardous chemicals and/or materials. In addition, eye protection will be required any time the Instructor and/or students are in the shop environment where an eye injury is likely to occur. Proper clothing for the trade must also be worn.

In order to assist teachers in complying with CAL/OSHA legislation requiring pupils and teachers to wear appropriate eye protection and clothing, a committee of Industrial Coordinators developed the following guidelines:

I. POWER ACTUATED EQUIPMENT

Eye protection is required to be worn any time the instructor and/or students are in a shop environment where stationary and portable power actuated equipment are present.

II. HAND TOOL OPERATIONS

Eye protection is required to be worn when hand tool operations such as hammering, chiseling, using a hand drill, scraping carbon and grease, using side cutters, brake spring pliers, air driven tools (such as sanders, impacts, and air blowers), and other hand-tools that are likely to result in eye injury to the instructor or student who is involved or observing in close proximity.

III. OTHER ACTIVITIES

Any other activity that presents an unusual hazard will require eye protection. Some examples could include but are not limited to working under a car, lubricating a car, replacing a muffler or tail pipe, pouring and handling materials containing irritating ingredients, testing or charging an air conditioning system, servicing a battery, soldering, checking or flushing a radiator, and running an engine in a car or on a test stand. Eye protection must be worn when using any of the following: carburetor cleaner, hot tank, compressed air for cleaning, spark plug cleaner, steam cleaner, parts cleaner, arbor press, hydraulic press and brake drum lathe and disc brake lathe. Eye protection with appropriate filter lens will be required during the use or observation of oxy-acetylene equipment for the following operations: welding, cutting, brazing, and silver soldering. A face-shield with appropriate filter lens will be required during the use or observation of all arc-welding or mig-welding operations.

IV. CLOTHING

All instructors and students shall wear proper clothing for the trade being taught in the individual shop environment, such as oil resistance soled shoes for shops where oil and/or water may be on the floor. Pants and shirts with sleeves are to be worn to protect a person from injuries resulting from any liquids that may be

splashed. Shop coats or overalls are highly recommended for the instructors and students to wear.

For assistance, please call Mr. Marc Munkres, Advisor, Industrial Education, at 213-202-5570.

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