

GOGGLES

DESCRIPTION, USE, AND CARE

1. GENERAL

1.01 This section covers the description, use, and care of goggles used by the central office forces as eye protection in the performance of any work where there is a possibility of injury to the eyes due to flying objects or particles.

1.02 Goggles should be worn by the workmen primarily engaged in work hazardous to the eyes and by other workmen and supervisors who may be assisting or observing such work at close range.

1.03 Interchanging of goggles among employees should not be made unless the goggles first have been washed with soap and warm water. Any face soap is satisfactory for this purpose.

2. DESCRIPTION

2.01 The two types of goggles that are recommended for use in the central office are the American Optical Company's No. 321A Duralite Coverglass Goggle and No. 3039-50 Goggle. There is, however, a variety of commercial goggles and safety glasses which are available and may be used if approved locally. The safety glasses of the spectacle type give adequate eye protection particularly when exposure is directly in front of the workman. These glasses are equipped with non-prescription or prescription lenses incased in metal or plastic frames. They are also available with or without side shields.

2.02 The No. 321A Duralite Coverglass Goggle is a coverall goggle with opaque eyecups which will fit over prescription glasses. Seriations in the edge of the eyecups plus side perforations provide ventilation to help keep the lenses from fogging. The retaining rings are aluminum, treated to prevent corrosion, and slotted to provide further ventilation. The bridge is leather and adjustable, and the headband is one piece rubber and adjustable. The lenses are clear glass and are impact resistant.

2.03 The No. 3039-50 goggle is a goggle of the safety glasses type. It has metal screen side shields treated to prevent corrosion and affords ample ventilation. The lens rim, or eye

wire, is flanged to provide a snug fit to prevent passage of foreign particles on the nasal side of the eye. The bridge may easily be adjusted to fit the face. The temples are insulated and the lenses are of clear impact resistant glass.

2.04 The L goggle case is provided for storing goggles when not in use.

3. USE

3.01 Both goggles may be used for the same purposes with the exception that the No. 3039-50 goggle should not be used when working with or around storage batteries as they do not completely protect the eyes from liquids which may splash.

3.02 The No. 321A Duralite Coverglass Goggles may be worn over prescription glasses whereas the No. 3039-50 goggle may be worn only by employees who do not wear prescription glasses.

3.03 Goggles are provided to prevent injury to the eyes and should be worn whenever there is a possibility of the eyes being injured while in the performance of any work. Following is a list of operations when goggles should be worn but it must be remembered that this does not include all possible operations where goggles would be required. Since local conditions will vary, it is the responsibility of each employee to recognize an existing hazard and to wear goggles when there is a need of this protection:

- (a) Grinding, filing, sanding, buffing, or scraping.
- (b) Drilling or chipping metal, stone, concrete, or masonry.
- (c) When working at or above shoulder level in dusting, or when dust and dirt may be dislodged in the performance of other work.
- (d) Cleaning terminals or unsoldering wires when there is danger of wire or solder particles striking the face.
- (e) Handling battery acids and other battery solutions.

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(f) Rough brush painting or spray gun painting of walls, apparatus, equipment boxes, etc.

(g) Working in or around buildings while dusty work is in progress such as alterations or demolition.

(h) Cleaning or blowing with compressed air as in pressure cleaning of central office equipment.

(i) Recharging fire extinguishers.

(j) Cleaning furnace grates, fire boxes, flues, etc, in connection with heating plant maintenance work.

4. CARE

4.01 Goggles should not be left lying around nor stored among tools where they may become damaged. When not in use, store them in the L goggle case or according to local instructions.

4.02 Lenses should be kept clean and bright to obtain best results. Smudgy lenses can be cleaned by breathing on them and then wiping with a clean cloth or soft tissue. Dirty lenses may be cleaned by washing with soap and water. Any soap satisfactory for the face will be suitable for cleaning lenses.

4.03 Frames and eyecups should also be clean to prevent possibility of eye infection. They should be dusted by wiping with a clean cloth and if necessary should be washed with soap and water. If air vents become clogged, scrub with a light brush. Avoid scratching the lens surfaces.