

# Eye Protection Description and Use

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## 1. General

### 1.1

#### Purpose

This practice describes the:

- Types of eye protection furnished to company employees.
- Conditions under which eye protection must be worn.

# 1. General, continued

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**1.2** File this practice in numerical order in your GTE Telephone Operations practices set.  
**Filing**

**Instructions**  
**and**  
**Supersedures**

This practice supersedes and cancels:

- All policies, procedures, general instructions, letters, and memoranda which address this subject.
- Any document which provides information contrary to the information contained in this practice.
- GTE Practice 075-676-100, Eye Protection – Description and Use.
- Local Practices:
  - 075-676-100CA, Eye Protection – Description and Use.
  - 075-676-100IW, Eye Protection – Description and Use.
  - 075-676-100KE, Eye Protection.
  - 075-676-100PA, Eye Protection – Description and Use.
  - 075-676-100SK, Eye Protection.
  - 075-676-900IL, Eye Protection.

**1.3**  
**Responsibility**

This practice was published by the GTE Telephone Operations Administrative Services Department. For more information about this practice, contact the Headquarters Safety and Environmental Compliance Department.

**1.4**  
**Disclaimer**

This practice was prepared solely for the use of GTE Telephone Operations. It must be used only by its employees, contractors, customers and end users, when installing, operating, maintaining, and repairing GTE Telephone Operations' equipment, facilities and services. Any other use of this practice is forbidden. The information contained in this practice may not be applicable in all circumstances and is subject to change without notice. By using this practice the user agrees that GTE Telephone Operations will have no liability (to the extent permitted by applicable law) for any consequential, incidental, special, or punitive damages that may result.

## 2. Overview

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### 2.1

#### Introduction

Appropriate eye protection must be worn when:

- There is danger from flying particles, loose wire ends, liquid splash, hazardous chemical compounds, sealant sprays, or any other material that could damage the eyes.  
OR
- The operating instructions and/or the Material Safety Data Sheet (MSDS) specify that eye protection must be worn.

### 2.2

#### Definitions

The following chart provides definitions for the acronyms and terms used in this practice.

Acronym or Term	Definition
Z87.1	The specific ANSI standard that specifies the design criteria for safety glasses, either plano or corrective lenses.
ANSI	American National Standards Institute
MSDS	Material Safety Data Sheet. Specifies the hazardous properties of a chemical or product and the required protective equipment.
Plano Lenses	Noncorrective lenses
Safety Glasses	Glasses which have frames and lenses (plano or corrective) that meet the design criteria of the ANSI Z87.1 standard.
Safety Glasses Identification	All safety glasses (plano or corrective lenses) must have the logo of the manufacturer etched in each lens, and each side temple piece must have Z87.1 stamped on it.

### 2.3

#### Reference

For additional information related to design criteria for safety glasses, see ANSI Z87.1.

## 3. Descriptions

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### 3.1

#### Introduction

The types of eye protection available to company employees are:

- Safety spectacles.
- Safety glasses (plano lenses).
- Safety goggles.
- Face shields.

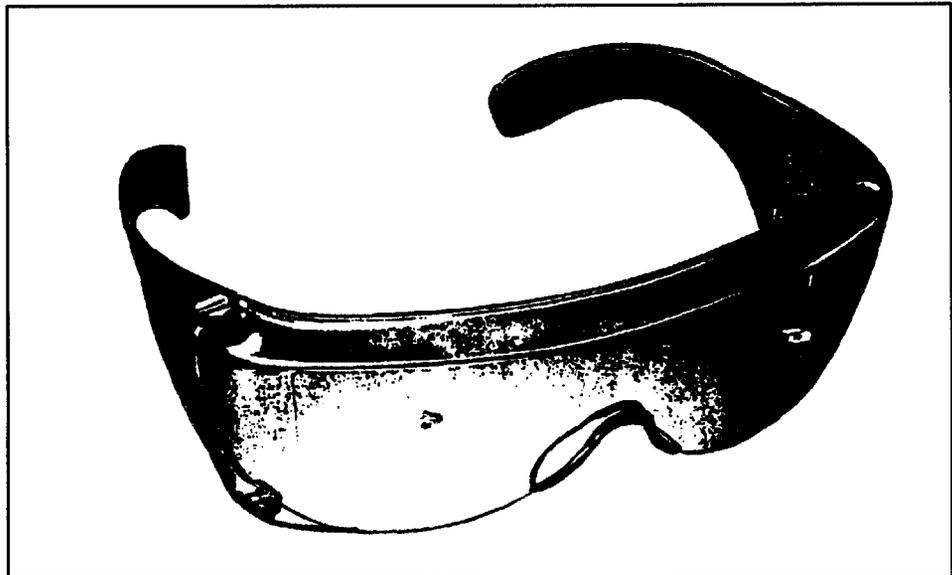
This section contains complete descriptions of eye protection apparatus and ordering information.

### 3.2

#### Safety Spectacles

Safety spectacles:

- Provide frontal and side protection to the eye from flying objects.
- Do **not** provide protection from liquid splash.
- Can be ordered as follows:
  - Safety spectacle, clear lens (Item ID 577160)
  - Safety spectacle, gray lens (Item ID 575815)



### 3.3

#### Safety Glasses

Safety glasses (plano or corrective lenses) provide:

- Frontal protection to the eyes from flying objects.
- Side protection to the eyes.

**NOTE: Safety glasses must be equipped with side temple shields. Order clip-on side temple shields by specifying Item ID 670004.**

If corrective lenses are worn in place of GTE standard eye protection, they must meet criteria set out in ANSI Z87.1. To determine if the corrective lenses meet the ANSI standard, visually inspect the side temple pieces for the Z87.1 stamping and the logo of the manufacturer etched in each lens.

**CAUTION: Wire-rimmed (metal frame) corrective lenses (safety or non-safety type) can not be worn without wearing safety goggles over them while working on or around live electrical parts.**

### 3. Descriptions, continued

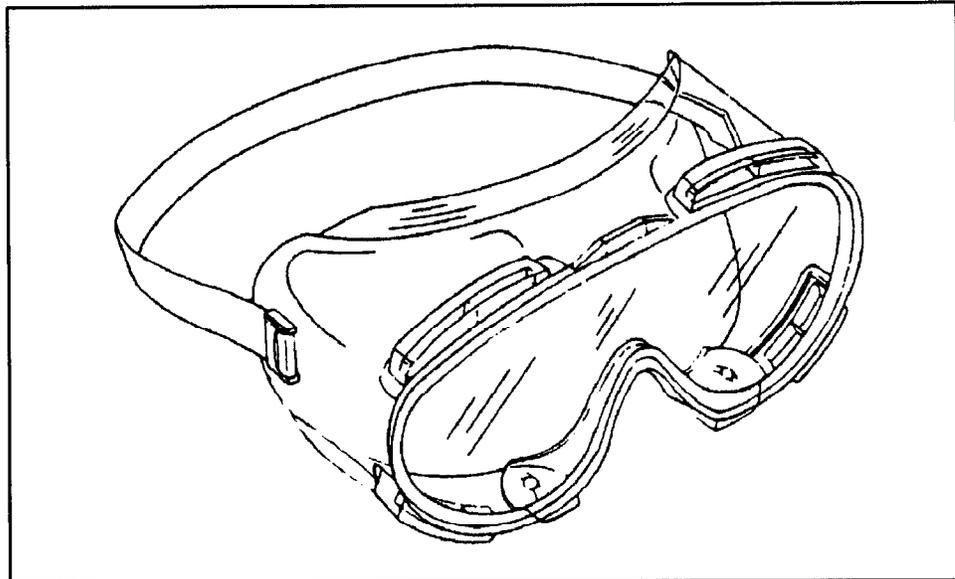
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3.4

#### Safety Goggles

Safety goggles:

- Protect the eyes and facial area immediately adjacent to and surrounding the eye from flying object, dust, and liquid splash.
- Can be ordered as follows: Safety goggles (Item ID 574143 or 589367)



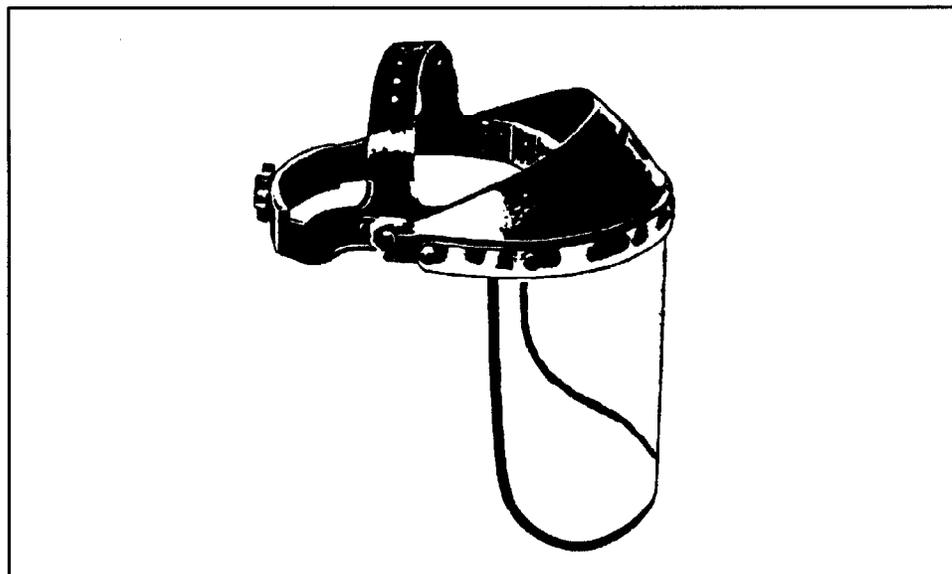
3.5

#### Face Shields

Face shields:

- Provide protection to the face from flying particles and sprays or splashes of hazardous liquids.
- Can be ordered by specifying: Face shield (Item ID 589366)

**NOTE: Only wear face shields over basic eye protection such as safety glasses, safety spectacles, or safety goggles.**



### 3. Descriptions, continued

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- 3.6** The safety storage case:
- Safety**
- Is used to store the safety spectacles, safety glasses, or safety goggles.
- Storage Case**
- Can be ordered by specifying: Storage Case (Item ID 571928)

### 4. Usage

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- 4.1** Wear the appropriate eye protection when:
- Introduction**
- There is danger from flying particles, loose wire ends, liquid splash, hazardous chemical compounds, sealant sprays, or any other material that could damage your eyes.
- OR
- The operating instructions and/or the MSDS specify that eye protection must be worn.

## 4. Usage, continued

### 4.2 Selecting Eye Protection

The following chart specifies:

- The activities requiring eye protection.
- Recommended types of eye protection.

Operation	Safety Glasses w/ Side Shields*	Safety Spectacles	Safety Goggles	Face Shields**
Tree trimming or cutting underbrush	X	X	X	X
Drilling masonry, rock, or metal	X	X	X	X
Using a grinding wheel	X	X	X	X
Placing or removing cable in dusty areas			X	
Handling or working with storage batteries			X	X
Soldering	X	X	X	
Welding and cutting	***	***	***	***
Handling wire ends	X	X	X	
Handling or cutting strand or wire	X	X	X	
Using powder-actuated tools	X	X	X	
Working under motor vehicles when hammering on equipment	X	X	X	X
Performing cleaning with compressed air	X	X	X	X
Handling parts in solvent			X	X
Using an acetylene torch	X	X	X	
Performing lead sleeve wiping and soldering	X	X	X	
Using hazardous chemical compounds			X	X
Using sealant sprays			X	X
Exposure to spray or splatter of infectious materials	X	X	X	X

- \* Plano or Corrective Lenses
- \*\* If a face shield is used, it must be used with one of the other approved forms of eye protection specified for the particular operation.
- \*\*\* Welder's goggles, helmets, and shields that give maximum eye protection for each welding and cutting process must be worn by welders and their helpers.