

# Emergency Eyewash/Chemical Burn Station Description

Contents	Subject	Page
	<b>1. General</b> .....	1
	1.1 Purpose .....	1
	1.2 Filing Instructions .....	1
	1.3 Supersedures .....	1
	1.4 Copyright and Responsibility .....	2
	1.5 Disclaimer .....	.
	<b>2. Description and Use</b> .....	2
	2.1 Description .....	2
	2.2 Neutralizer Solution Uses .....	2
	2.3 Instructions for Using the Neutralizer .....	2
	2.4 Neutralizer Solution Ingredients .....	2
	2.5 Neutralizer Solution Expiration Date .....	2
	2.6 Supplemental Use .....	3
	<b>3. Ordering Information</b> .....	4
	3.1 Material Codes .....	4
	3.2 Who Orders .....	4
	<b>4. Installation Information</b> .....	4
	4.1 Emergency Burn Eyewash Station Measurements .....	4
	4.2 Where to Locate the Station .....	4
	<b>4.3 Installation Procedures</b> .....	4

## 1. General

- 1.1 Purpose** This practice describes a standard Chemical Burn Eyewash Station and information on how to use it.
- 1.2 Filing Instructions** File this practice in numerical order in your practices set.
- 1.3 Supersedures** This practice supersedes GTE Telephone Operations Practice 075-I 15-100, issue 1, Station Chemical Burn – E. D. Bullard, Type 70-52A – Description, dated July 1972. Remove that practice from your practices set.

# 1 . General. continued

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## 1.3 Copyright and Responsibility

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## 1.4 Disclaimer

This practice has been prepared for GTE Telephone Operations employees. GTE Telephone Operations hereby disclaims any responsibility or liability for any consequential or inconsequential damages that may result from the use of this practice.

# 2. Description and Use

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## 2.1 Description

The eyewash/chemical burn first aid station (illustrated on page 3) consists of a:

- Molded backboard of shatter-proof material.
- Polyethylene bottle containing 32 ounces of neutralizer solution.

## 2.2 Neutralizer Solution Uses

Complete first aid instructions are printed on the face of the backboard. The neutralizer solution provided with the station is used to provide first aid for acid or alkali burns of the eyes and skin.

**NOTE: Safety goggles are required when working with lead acid batteries along with items specified in GTE Telephone Operations Practice 205-005-I 00.**

## 2.3 Instructions for Using the Neutralizer

When acid is splashed on the skin, or in the eyes, use the neutralizer solution to provide instant, effective neutralization and irrigation of the chemically burned tissues, by slowly pouring the complete contents of the solution from the three bottles onto the affected area.

**CAUTION: Once a neutralizer solution bottle has been opened, replace it with a new sealed bottle to assure sterile solution is available for future use.**

## 2.4 Neutralizer Solution Ingredients

The neutralizer solution is a sterile liquid composed of primary and secondary phosphates, similar to those present in human tissue, which instantly neutralizes both acids and alkalis. Because of its natural buffering action, secondary complications can be prevented.

This solution provides neutralization to skin, clothing, equipment, and eyes. The solution has a pH of 7 and its hydrogenous concentration always remains in the physiologic range.

## 2.5 Neutralizer Solution Expiration Date

The neutralizer solution bottle comes with an expiration date seal. The date on the seal reflects the date three years after the manufactured date of the solution. The Federal Drug Administration (FDA) requires this solution to be replaced every three years to ensure purity and consistency of the solution.



### 3. Ordering Information

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3.1 **Material Codes** The following information is for ordering an Emergency Eyewash/ Chemical Burn Station:

Material Code	Product Description	Part Number	Vendor Code
680917	Station, Emergency Eyewash (comes with 32 oz. bottle)	12-6032	NHAI
680918	Bottle, Replacement, Eyewash	12-6037	NHAI

**NOTE: A minimum of three (3) bottles of neutralizer must always be on hand. One in the station and two for spares.**

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3.2 **Who Orders** The emergency eyewash/chemical burn station is optional and normally ordered by the Central Office Supervisor.

### 4. Installation Information

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4.1 **Emergency Burn Eyewash Station Measurements** The station measures 17 inches long by 15 inches high. The backboard is raised (embossed) 1/4 inch to allow the unit to be mounted on any flat or rough-surface wall. The bottle holder protrudes 4 inches in front of the backboard and has two flanges at its center to retain the solution bottle.

4.2 **Where to Locate the Station** Locate the station where battery cells are handled and/or serviced. The station should be installed as close to the batteries as possible. It is suggested to install a sufficient number of burn stations to ensure one is located no more than 25 feet from the furthest battery cell. The battery maintenance board as described in GTE Telephone Operations Practice 205-005-I 00, contains the same neutralizer solution as the burn station and should be counted in your calculation of number of stations required if available.

4.3 **Installation Procedures** Each emergency station is equipped with double-sided tape and screws for easy mounting.