



Emergency Equipment

PPE may prevent exposure to hazardous substances. But accidents happen and when it becomes an emergency, emergency equipments standing by will help in immediate treatment! Emergency showers and eye/face washes used within the first 10 to 15 seconds after contamination will minimize the effects of accidental exposure to chemicals. Flush away those awful liquids from your eyes, face and body!

Emergency showers, also known as drench or deluge showers are designed to flush the user's head and body. Eye wash stations are designed to flush the eye and face area. Combination units are designed to flush any part or all of the body.

ANSI/ISEA Z358.1 STANDARD REQUIREMENTS

Maintenance and training for all wash stations:

1. A plumbed eye wash station shall be activated weekly to verify proper operation
2. Gravity-feed units (if applicable) shall be maintained according to the manufacturer's instructions
3. All employees who might be exposed to a chemical splash shall be trained in the use of the equipment
4. All wash stations shall be inspected annually to make sure they meet ANSI Z358.1 requirements

There are two types of emergency showers:

- Plumbed shower: An emergency shower permanently connected to a source of potable water
- Self-contained shower: A shower that contains its own flushing fluid, and must be refilled or replaced after use

The specifications below are for plumbed showers only:

- Heads:
 - Positioned 82"—96" from floor
 - Spray pattern will have a minimum diameter of 20" at 60" above the floor
 - Flow Rate = 20 gallons per minute (GPM) at 30 pounds per square inch (PSI)
 - The center of the spray pattern shall be located at least 16 inches from any obstruction
- Valves:
 - Activate in 1 second or less
 - Stay-open valve (no use of hands)
 - Valve remains on until the user shuts it off
- Installation:
 - Emergency Shower shall be located in an area that requires no more than 10 seconds to reach. *Consult a medical professional to determine the appropriate distance for harsh acids and caustics (high hazard=closer distance)
 - Shower location shall be in a well-lit area and identified with a sign
 - Shower shall be located on the same level as the hazard



emergency equipment

There are two types of Eye Wash Stations:

- Plumbed Eye Wash Station: An eye wash unit permanently connected to a source of potable water
- Gravity-Feed Eye Wash Station: An eye wash device that contains its own flushing fluid and must be refilled or replaced after use
- Heads
 - Positioned 33"—45" from floor
 - Positioned 6" from wall or nearest obstruction
 - 0.4 gallons per minute (GPM) for 15 minutes for plumbed units shall provide flushing fluid at 30 PSI
 - 0.4 gallons per minute (GPM) for 15 minutes for gravity-feed units
- Valves
 - Activate in 1 second or less
 - Stay-open valve (leaving hands free)
- Installation
 - Eye wash station shall be located in an area that requires no more than 10 seconds to reach. *Consult a medical professional to determine the appropriate distance for harsh acids and caustics (high hazard = closer distance)
 - The location of the eye wash station shall be in a well-lit area and identified with a sign
 - Eye wash stations shall be on the same level as the hazard

Eye/Face Wash Station Requirements

- An Eye/Face Wash Station is a device used to irrigate and flush both the face and the eyes.
- Heads
 - Positioned 33"—45" from floor
 - 6" from wall or nearest obstruction
 - Large heads to cover both eyes and face or regular size eye wash heads plus a face spray ring
 - 3 gallons per minute (GPM) for 15 minutes
- Valves
 - Activate in 1 second or less
 - Stay-open valve (leaving hands free)
- Installation
 - Eye/face wash shall be located in an area that requires no more than 10 seconds to reach. *Consult a medical professional to determine the appropriate distance for harsh acids and caustics (high hazard=closer distance)
 - The location of the eye/face wash station shall be in a well-lit area and identified with a sign
 - Eye/face wash stations shall be on the same level as the hazard

Personal Eye Wash and Eyesaline Requirements

A Personal Eye Wash is a supplementary eye wash that supports plumbed units, gravity-feed units, or both by delivering immediate flushing fluid.

NOTE: Personal eye wash units can provide immediate flushing when they are located near the workstations. Personal eye wash equipment does not meet the requirements of plumbed or gravity-feed eye wash equipment. Personal eye wash units can support plumbed or gravity-feed eye wash units, but cannot be a substitute.

Personal eye wash can be delivered through bottles of saline solution designed to simulate human tears. Individual bottles can be carried by workers and provide relief until in the crucial seconds until an approved eye wash station installation can be reached.

(The above was adapted from the ANSI/ISEA Z358.1-2009 standards)

BRADLEY® FAUCET-MOUNTED EYEWASH S19-200B

- Low-cost eyewash mounts easily to both standard and gooseneck faucets. For eyewash use, leave cold water supply on at all times
- To operate unit pull actuator pin toward user
- For faucet use, water flow is activated by the use of the diverter pin. Push the pin to the opposite side for water flow
- Comes with 55/64"-27 thread - female (adapters available to fit most faucets)

PRODUCT CODE

910BRLS19-200B	Bradley® Faucet - Mounted Eyewash (Faucet not included)
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BRADLEY® EYEWASH STATION

BRADLEY® WALL-MOUNTED EYE-FACE WASH UNIT S19224FW

- Galvanized steel supply & waste pipes protected with BRADTECT safety yellow coating
- Universal identification sign and inspection tag included
- Eye-Face Wash exceeds minimum water flow of 3 GPM at 30 PSI
- Barrier-free design - fully accessible to people with physical disabilities
- Complies with ANSI/ISEA Z358.1 standards

PRODUCT CODE

910BRLS19224FW	Bradley® Wall-Mounted Eye-Face Wash Unit
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BRADLEY® EYEWASH STATION

BRADLEY® PEDESTAL-MOUNTED EYE-FACE WASH FIXTURE S19214FW

- Galvanized steel supply & waste pipes protected with BRADTECT safety yellow coating
- Barrier-free design - fully accessible to people with physical disabilities
- Universal identification sign and inspection tag included
- Eye-Face Wash exceeds minimum water flow of 3 GPM at 30 PSI
- Complies with ANSI/ISEA Z358.1 standards

PRODUCT CODE

910BRLS19214FW	Bradley® Pedestal-Mounted Eye-Face Wash Fixture with Plastic Bowl
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BRADLEY® COMBINATION DRENCH SHOWER AND EYE/FACE WASH UNIT S19314FW

- Spintec Showerhead provides the most consistent distribution of water from a drench shower, improving user washdown
- Galvanized steel protected with BRADTECT safety yellow coating
- Universal identification sign and inspection tag included
- Complies with ANSI/ISEA Z358.1 standards
- Customizations available

PRODUCT CODE

910BRLS19314FW	Bradley® Combination Drench Shower/Eye/Face Wash Unit, Plastic bowl, Plastic Showerhead
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BRADLEY® EMERGENCY SHOWER



BRADLEY® ON-SITE® PORTABLE GRAVITY-FED EYEWASH STATION S19-921

- Clear tank allows solution level to be checked easily
- Fitted with hinged eyewash tray that activates in one quick motion
- Three mounting options: wall, bench top or transportable waste cart
- Vandal-resistant unit that does not allow foreign objects to be introduced into the tank once the tank is installed

PRODUCT CODE

910BRLS19-921	Bradley® On-Site® Portable Gravity-Fed Eyewash Station S19-921, 26.5L (7gal)
910BRLS19-399	Bradley® On-Site® Waste Cart for S19-921, 212L (56gal)



S19-921

BRADLEY® PORTABLE EYEWASH



SPEAKMAN® EYEWASH STATION



- For wall mounting
- Supplied with stainless steel bowl; stay-open full flow ball valve
- Activated by stainless steel push handle
- Heavy duty wall mounting plate
- Twin spray heads with individual flow restrictors and flip-off dust covers
- All units meet ANSI/ISEA Z358.1 standards and OSHA rules

PRODUCT CODE

910SPMSE490 | Speakman® Traditional Round Bowl Eye/Face Wash Station, Wall-mounted

SPEAKMAN® EMERGENCY SHOWER



- Floor mounted stainless steel emergency deluge shower and non-aerated eye wash combination unit
- Shower is supplied with a 25mm stay-open full flow ball valve, activated by triangular pull handle
- Eye wash is supplied with 12mm stay-open full flow ball valve, activated by push handle and/or foot pedal
- Unit is also supplied with a stainless steel bowl

SPEAKMAN® EMERGENCY STATION PEM-607

- All units meet ANSI Z358.1-2004 standards and OSHA rules

PRODUCT CODE

910SPMPEM607 | Speakman® Combination Stainless Steel Shower with Eyewash Station, Floor mounted

SPEAKMAN® PORTABLE EYEWASH



- Ergonomically designed and barrier-free
- The Gravityflo™ reservoir body is one-piece molded from light, durable, high-density polyethylene
- Its bright blue colour provides high visibility during an emergency
- Unique, high efficiency spray heads of contoured rubber give thorough eye and face coverage
- Meets ANSI/ISEA Z358.1 for portable eyewash units and ANSI/ISEA A117.1 for barrier-free design

PRODUCT CODE

910SPMSE4000 | Speakman® GRAVITYFLO™ Portable Eyewash Station, 60.6L (16gal)-79.5L (21gal)

HONEYWELL PORTABLE EYEWASH



- Delivers 6 minutes of uninterrupted hands-free flushing - without costly plumbing
- Completely portable, the gravity-fed flow begins immediately when the nozzle pull strap is removed
- Supplied with Sperian Water Additive
- Can be mounted on a wall, mobile cart or mobile stand
- Meets ANSI/ISEA Z358.1 standards for secondary device (supplemental equipment)

PRODUCT CODE

910SPR1300 | Honeywell Fendall Porta Stream I Portable Eyewash Station, 22.7L (6gal)

HONEYWELL FENDALL PORTA STREAM I PORTABLE EYEWASH STATION



- Offers versatile portability and 15-minutes of uninterrupted flushing - without costly plumbing
- Self-contained, it features a nozzle strap that is easily and affordably placed near most workplace hazards with a single bracket mounting device or transported with optional universal cart or universal stand

- Meets ANSI/ISEA Z358.1 standard for 15-minute flushing requirement

PRODUCT CODE

910SPR2300 | Honeywell Fendall Porta Stream II Portable Eyewash Station, 60.5L (16gal)

HONEYWELL FENDALL PORTA STREAM II PORTABLE EYEWASH STATION