

## ANSI COMPLIANT

TANK SHOWERS - HEAT TRACED SHOWERS - FREE STANDING SHOWERS  
WALL & CEILING MOUNTED SHOWERS - EYE WASH BASINS  
DRENCH HOSES - PORTABLE SYSTEMS  
WATER TREATMENT CHEMICALS



EMPTEEZY® - EEZY DECONTAMINATION

EMPTEEZY® MANUFACTURING GROUP



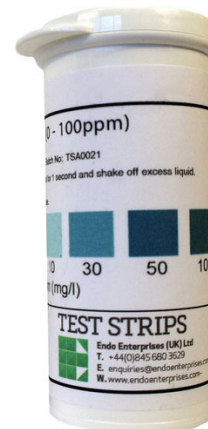
# INDEX

Page	Contents
Page 1	Water treatment chemicals for tank showers & portable tanks
Pages 2 & 3	ANSI key points
Page 4	2000ltr tank shower
Page 5	1250ltr tank shower
Page 6	Options for tanks showers
Pages 7, 8 & 9	Combination safety showers
Pages 10 & 11	Self-drain combination & platform showers
Pages 12 & 13	Heat trace showers
Pages 14 & 15	Wall mounted safety showers
Pages 16 & 17	Ceiling mounted safety showers
Pages 18 & 19	Wall mounted eyewash basins
Pages 20 & 21	Pedestal mounted eyewash basins
Page 22	Dual control pedestal mounted eyewash
Page 23	14 spray head decontamination shower
Pages 24 & 25	Wall & bench mounted drench hoses
Pages 26, 27 & 28	Portable eyewash tanks
Pages 29, 30 & 31	Safety shower & eyewash accessories
Pages 32 & 33	Compatibility guide for showers & eyewash basins

**WATER TREATMENT CHEMICALS**

EndoSan<sup>5</sup>™ is environmentally friendly as the active ingredient is hydrogen peroxide, a chemical compound hybrid of hydrogen and oxygen. During the disinfection it decomposes into water and oxygen and therefore no dangerous substances are formed. It is colourless, odourless and miscible with water at all ratios and it doesn't cause any change in smell or taste when it comes into contact with water, making it the perfect product for use to dose your tank shower or portable eye/body wash tanks.

Equally effective against both gram positive and gram negative bacteria and active against all types of fungi, viruses, moulds, spores and amoebae, it removes the organic deposits and biofilm in the water, so that the probability of new sources of infection are dramatically reduced, if not extinguished completely.



20-10-001



20-05-005



20-05-010



20-05-001

CODE	DESCRIPTION
20-05-001	1ltr bottle of water treatment chemicals
20-05-005	5ltr container of water treatment chemicals
20-05-010	10ltr container of water treatment chemicals
20-10-001	50 test strips to measure Hydrogen Peroxide levels

## ANSI Z358.1 2014 KEY POINTS

The ANSI Z358.1 2014 standard establishes universal minimum performance and use requirements for emergency eyewash & drench shower equipment used for the treatment of the eyes, face, and/or body of a person who has been exposed to hazardous materials and/or chemicals. The standard, first implemented in 1981 was modified in 1990, 1998, 2004, 2009 & 2014.

Equipment covered by the standard includes: Drench showers, eyewash, eye/face wash, portable eyewash, and combination eyewash & drench shower. The standard also covers equipment performance and use of personal wash units and drench hoses, which are considered to be supplemental equipment to emergency eyewash and drench shower units. In addition to performance and use requirements, the ANSI Z358.1 standard provides requirements for test procedures, employee training, and the maintenance of the equipment.

Most of the standard has not changed much since 2004, but the following are the significant changes that have been made.

**Tepid water:** The requirements have been moved into the definitions section and are clearly defined with a range of 16°C - 38°C [60°F - 100°F].

**Simultaneous Operation:** Units which combine a drench shower with an eye/eye face wash must be capable of being used simultaneously.

**Equipment Location:** All emergency stations must be located in areas that are accessible within 10 seconds, roughly 17m this is referred to by the industry as the "10 second rule". Best practice is to check the travel time to determine if you have the emergency station located within 10 seconds, keeping in mind that an injured person may require extra time/support to reach the designated station. Where highly corrosive chemicals are used, thought should be given to installing the emergency station as close as possible to the potential hazard. Remember to check the routing of any electrical supply which might then be within the contamination zone.

**Obstructions:** Emergency stations must be located on the same level as the hazard and the pathway between them must be clear of any obstruction. If your site has a hazard that is located on a different level to your current emergency station, you will have to install an additional station on the same level as the hazard. Again there must be no obstructions between them. Please note that a door is classed as an obstruction, but if the hazard is non-corrosive, one door is acceptable between the hazard and the emergency station so long as it opens in the direction of travel of the person requiring its use.

**Identification:** Eyewash and drench shower stations must be installed in a well-lit area and identified with a highly visible safety signs.

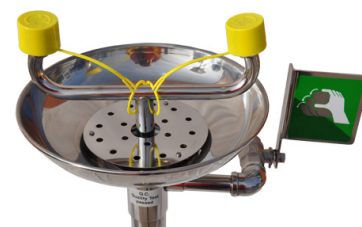
**Supply Lines:** All water supply lines must be provided to meet minimum flow requirements at 30-90 psi. The recommended incoming pipe sizes are as follows:

½" for eyewash stations and eye/face wash stations

1" for drench showers

1¼" for combination eyewash drench showers

**Shut-Off Valves:** If shut-off valves are installed on the supply line for maintenance purposes, provisions must be made to prevent an unauthorised shut-off to ensure valves are always open.



## ANSI Z358.1 2014 KEY POINTS

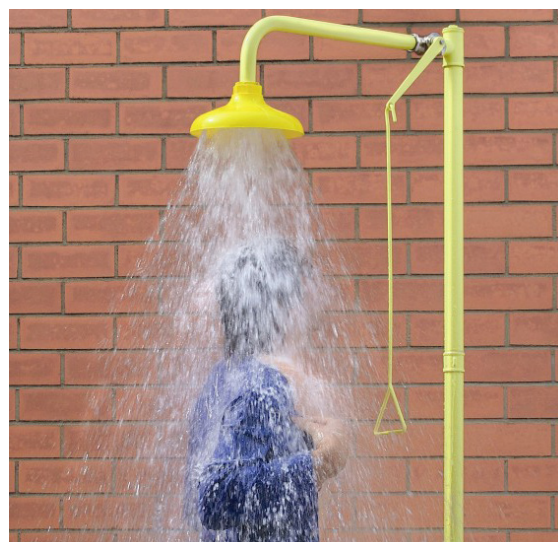
**Waste Disposal:** Proper disposal of the contaminated water must be considered when installing new equipment. Drainage, freezing temperatures and pollutants, should be considered. We recommend that you consult your Local Authority, Water provider or Environment Agency for additional guidance on the correct wastewater disposal method for your site.

**Water Temperature & Tepid Water:** Tepid water is crucial, but often overlooked when providing compliant eyewash and drench shower stations. The ANSI standard specifically mentions the delivery of tepid water and defines it as “A flushing fluid temperature conducive to promoting a minimum 15 minute irrigation period, the suitable temperature range is 16°C - 38°C (60°F - 100°F)”. Medical professionals recommend that tepid water be used to treat chemically injuries to eyes and body tissue because temperatures that exceed 38°C (100°F) can enhance chemical interaction with the eyes and skin. Additionally, flushing liquid temperatures below 16°C (60°F) can cause hypothermic shock. The standard further states that while cooler flushing fluids may provide immediate relief after chemical contact, prolonged exposure to cold fluids affect the ability to maintain adequate body temperature and can result in the premature cessation of first aid treatment. Tepid water can be delivered to emergency eyewash and showers in different ways, the most common is to install a thermostatic mixing valve or water tempering valve to blend hot and cold water and provide a temperature within the range defined. These valves should include a hot water shut-off to prevent accidental scalding, and a coldwater bypass to ensure the delivery of flushing liquids in the event that the hot water supply fails. It’s also important to note that standard water mixing valves should not be used. Most facilities located in the UK have outside temperatures that can drop to below 0°C (32°F) during the winter, therefore emergency stations that can be exposed to freezing temperatures need protection, the standards state that “Where the possibility of freezing conditions exists, equipment shall be protected from freezing or freeze-protected equipment shall be installed”. Conversely locations where the ambient water temperature can exceed 37°C (98.6°F) will require anti-scald valves to purge potentially scalding water from the feed lines. This will include outdoor locations that are exposed to direct sunlight, or indoor locations exposed to extremes of temperature created by a manufacturing process.

**Training:** All employees who may be exposed to hazardous or corrosive materials must know the locations of, and be instructed in the proper use of the eyewash and/or drench shower equipment on site; in addition, site plans showing the exact locations of all emergency stations should be freely available to anyone entering the site.

**Maintenance & Testing:** Planned maintenance is necessary to ensure that all emergency equipment is functioning safely and correctly. Weekly testing will ensure the supply lines are clear of sediment and bacteria build-up that can occur in stagnant water. The standards state that plumbed equipment, “shall be activated weekly for a period long enough to verify operation and ensure that flushing fluid is available” and portable and self-contained equipment “be visually checked to determine if flushing fluid needs to be changed or supplemented”.

**Personal Wash Units/Bottled Eyewash:** Bottled eyewash and/or other personal wash units such as single head drench hoses are considered to be supplemental equipment only. These types of units do not meet the ANSI requirements (“A personal wash unit may be kept in the immediate vicinity of employees working in a potentially hazardous area. The main purpose of these units is to supply immediate flushing. With this accomplished, the injured individual should then proceed to a plumbed or self-contained eyewash and flush the eyes for the required 15-minute period”) and should not be used as an alternative to a 15 minute emergency flushing station.



## 2000ltr TANK SHOWER

### SE-VTS-1

For use where a constant water supply or adequate water pressure is unavailable, this tank is fully compliant with ANSI Z358.1 providing a guaranteed 15 minutes of water flow. Supported on a 40mm x 40mm x 3mm hot dip galvanised (provides corrosion protection) carbon steel, square tubular frame with bolt down fixing brackets, the moulded polyethylene 2000ltr (440 Imperial gal) water tank is covered in 40mm reflective Kingspan ThermapitchR TP10 rigid polyurethane foam, insulation board (0.022W/m.k thermal conductivity) and the tank structure is further protected by a shroud complete with warning signage. The heating element sits in a sumped area to ensure it is covered even if the tank is completely emptied during normal use and the unit is fitted with a test activation handle which is accessed from outside the shower area.



CODE	DESCRIPTION
SE-VTS-1	2000ltr tank shower - 1590mm x 1480mm x 3930mm H (overall height) - un-laden weight 672kg - filled weight 2,872kg heating 2.25" BSP connection with 230v 3kw rated, wired to a rotary isolation switch - water temperature maintained at approximately 30°C in an ambient of ~10°C including wind chill - flow rate is 75.7lpm over 15 minute duration - polished stainless steel shower head - all wetted parts are manufactured from non-ferrous materials - activation of shower is via a full width bar across the rear of the unit which also extends beyond the framework for remote & test activation - basic water level indicator fitted to main tank structure

#### ANSI TIP

Delivering tepid water is a crucial but often overlooked component of providing compliant eyewash and drench shower stations. The updated ANSI Z358.1 standard includes a section specifically about the delivery of tepid water. "Tepid water" is defined as "A flushing fluid temperature conducive to promoting a minimum 15 minute irrigation period."

# 1250ltr TANK SHOWER

## SE-VTS-2

The emergency shower solution for when a constant water supply or adequate water pressure is unavailable, this model requires a pump to comply with ANSI Z358.1 flow rates.

Supported on a 40mm x 40mm x 3mm hot dip galvanised (provides corrosion protection) carbon steel, square tubular frame with bolt down fixing brackets, the moulded polyethylene 1250ltr water tank is covered in 40mm reflective Kingspan ThermapitchR TP10 rigid polyurethane foam, insulation board (0.022W/m.k thermal conductivity) and the tank structure is further protected by a shroud complete with warning signage. The heating element sits in a sump to ensure it is covered at all times, even if the tank is completely empty and the system is fitted with a test activation handle which is accessed from outside the shower area.

CODE	DESCRIPTION
SE-VTS-2	1250ltr tank shower - 1320mm x 1430mm x 3600mm H (overall height) - un-laden weight 470kg - filled weight 1775kg heating 2.25" BSP connection with 230v 3kw rated, wired to a rotary isolation switch - water temperature maintained at approximately 30°C in an ambient of ~10°C including wind chill - Needs to be fitted with an optional electric pump to ensure compliance with the ANSI Z358.1 flow standard of 75.7lpm over 15 minutes duration - full stainless steel construction shower head - all wetted parts are manufactured from non-ferrous materials - activation of shower is via a full width bar across the rear of the unit which also extends beyond the framework for remote & test activation - basic water level indicator fitted to main tank structure



### ANSI TIP

Safety showers and/or eyewash stations must be located on the same level as the hazard and the pathway between them must be clear of obstructions. If your facility contains a hazardous area that is located on a different level to your current emergency flushing area, you will have to install further equipment on the same level as the hazard.

**OPTIONS FOR TANK SHOWERS**

**OPTIONS FOR SE-VTS-1 & SE-VTS-2 TANK SHOWERS**



Flashing / audible alarm system used in conjunction with the digital display to warn of: Shower activation, temperature changes and water levels

PIR activated light for main shower area

Digital temperature and water level gauge which can be linked to a flashing / audible alarm system

Modesty / splash protection panels, fitted to back and both sides of shower frame

Foot treadle main shower activator, to set off shower as soon as it's walked on

Eye wash available with plastic or stainless steel basins or just bull horns, all with hand or foot activation.

Waste water collection sump (GRP with galvanised steel support frame or stainless steel) with threaded outlet

**FURTHER OPTIONS**

- Trace heating for main tank feed pipe
- Trace heating for optional eye/face wash basin
- GRP roof and 3 sided heat resistant shields for main tank
- Stainless steel main framework
- 6kw water heater for applications where the ambient is below freezing
- Standard & ATEX approved electrical options including chillers & alarm systems

We also offer a custom service to ensure the tank shower is to the correct specification for your application, please contact us to discuss.



## COMBINATION SAFETY SHOWERS

### FSCS

A Floor mounted combination safety shower with ABS plastic shower head & eyewash manufactured using galvanised pipe work which is protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils, all fittings are brass and the eyewash has two high flow, aerated low pressure outlets fitted with automatic opening dust covers.

This combination safety shower and eyewash has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1

CODE	DESCRIPTION
FSCS	FSCS Combination shower & eyewash basin - 250mmØ ABS plastic shower head - stay open valve activated by a pull handle - ABS plastic basin with aerated eyewash - push paddle activated - dimensions 76cm x 26cm x 22cm - total weight 18kg
FTFSS	Main shower foot treadle activator for use with FSCS - mild steel construction protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils - dimensions 500mm W x 650mm D x 30mm H - weight 6kg

Water inlet: 1¼" BSP

Waste: 1¼" BSP

Shower flow rate: Regulated at 110lpm

Shower operation: Pull handle

Shower valve: Full bore 1"

Eyewash flow rate: 22lpm

Eyewash operation: Push paddle

Eyewash valve: Full bore ½"

#### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar; please notify us prior to ordering if your water pressure is below 1.5 bar

#### ANSI TIP

ANSI Z358.1 requires that shower valves be of simple operation, turn from off to on in one second or less, and provide hands-free operation once activated. Self-closing shower valves do not meet the standard and should be replaced.



## COMBINATION SAFETY SHOWERS

### FSCS-SSHB

A Floor mounted combination safety shower with galvanised steel pipe work protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils. The shower head and eyewash basin are stainless steel and all the fittings are brass. The eyewash has two high flow, aerated low pressure outlets fitted with automatic opening dust covers.

This combination safety shower and eyewash has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1

CODE	DESCRIPTION
FSCS-SSHB	Combination shower & eyewash basin - 250mmØ stainless steel shower head - stay open valve activated by a pull handle - stainless steel basin with aerated eyewash - push paddle activated - dimensions 76cm x 26cm x 22cm - total weight 18kg

Water inlet: 1¼" BSP

Waste: 1¼" BSP

Shower flow rate: Regulated at 110lpm

Shower operation: Pull handle

Shower valve: Full bore 1"

Eyewash flow rate: 22lpm

Eyewash operation: Push paddle

Eyewash valve: Full bore ½"

#### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar; please notify us prior to ordering if your water pressure is below 1.5 bar

#### ANSI TIP

ANSI Z385.1 states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. To facilitate this, our showers come complete with a testing record card which allows the date of inspection and inspectors initials to be recorded.



## COMBINATION SAFETY SHOWERS

### FSCS-SS

A floor mounted combination safety shower with stainless steel shower head & eyewash manufactured using stainless steel pipe work and fittings making it ideal for harsh environments and industries such as food and pharmaceutical. The eyewash has two high flow, aerated low pressure outlets fitted with automatic opening dust covers.

This combination safety shower and eyewash has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1

CODE	DESCRIPTION
FSCS-SS	Combination shower & eyewash basin - 250mmØ stainless steel shower head - stay open valve activated by pull handle - stainless steel basin with aerated eyewash - push paddle activated - dimensions 76cm x 26cm x 22cm - total weight 20kg

Water inlet: 1¼" BSP

Waste: 1¼" BSP

Shower flow rate: Regulated at 110lpm

Shower operation: Pull handle

Shower valve: Full bore 1"

Eyewash flow rate: 22lpm

Eyewash operation: Push paddle

Eyewash valve: Full bore ½"

#### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

#### ANSI TIP

Safety showers and/or eyewash stations must be located on the same level as the hazard and the pathway between them must be clear of obstructions. If your facility contains a hazardous area that is located on a different level to your current emergency flushing area, you will have to install further equipment on the same level as the hazard



## SELF-DRAIN COMBINATION & PLATFORM SHOWERS

### FSCS-SD

A Self-drain combination safety shower with ABS plastic shower head & eyewash manufactured using galvanised pipe work which is protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils, all fittings are brass and the eyewash has two high flow, aerated low pressure outlets fitted with automatic opening dust covers.

This combination safety shower and eyewash is fitted with an automatic drain system to remove residual water after use and has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1

CODE	DESCRIPTION
FSCS-SD	Self-drain combination safety shower & eyewash - 250mmØ ABS plastic shower head - stay open valve activated by a pull handle - aerated eyewash (no bowl) - push paddle activated - dimensions 76cm x 25cm x 20cm - total weight 21kg

Water inlet: 1¼" BSP

Waste: 1¼" BSP

Shower flow rate: Regulated at 110lpm

Shower operation: Push paddle

Shower valve: Automatic drain & full bore 1¼"

Eyewash flow rate: 22lpm

Eyewash operation: Push paddle & foot treadle

Eyewash valve: Automatic drain & full bore ½"

#### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar please notify us prior to ordering if your water pressure is below 1.5 bar

#### ANSI TIP

All employees who may be exposed to hazardous or corrosive materials must know the locations of and be instructed in the proper use of the eyewash and/or drench shower equipment on site, in addition, site plans showing the exact locations of all emergency stations should be freely available to anyone entering the site.



# SELF-DRAIN COMBINATION & PLATFORM SHOWERS

## CPSE

A self-drain platform safety shower with ABS plastic shower head & eyewash manufactured using galvanised pipe work which is protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils. All the fittings are brass and the eyewash (no bowl) has two high flow, aerated low pressure outlets fitted with automatic opening dust covers.

This combination safety shower and eyewash (no bowl) is fitted with a guide frame and an automatic drain system to remove residual water after use, and has been designed to meet and exceed the internationally recognised standards:

- EN15154 parts 1 & 2
- DIN12899.3
- ANSI Z358.1

CODE	DESCRIPTION
CPSE	Self-drain platform safety shower & eyewash - 250mmØ ABS plastic shower head - stay open valve activated by a pull handle - aerated eyewash (no bowl) - walk on platform - dimensions 104cm x 87cm x 13cm - total weight 36kg



Water inlet: 1¼" BSP

Shower flow rate: Regulated at 110lpm  
Shower operation: Pull handle  
Shower valve: Automatic drain & full bore 1"

Eyewash flow rate: 22lpm  
Eyewash operation: Walk-on platform  
Eyewash valve: Automatic drain

**NOTE**

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

**ANSI TIP**

ANSI Z358.1 requires that companies provide emergency showers and/or eyewashes within 10 seconds' travel time of a hazard. Look for signs of hazardous materials and make sure eyewashes and/or emergency showers are within the prescribed 10 second zone.

## HEAT TRACE SHOWERS

### HTS-1

This traced heat (commercial electrics) decontamination shower is protected against freezing by means of trace heat cabling and an insulated jacket which gives protection down to -25°C. The water supply is via a bottom feed supply and the impeller action shower head is activated by a high visibility yellow pull handle that opens the "stay-open" valve, which means that the shower will continue to operate until the valve is closed by pushing the handle back into the "up" position.

We also offer a white insulated jacket version which can be used in conjunction with a chiller for hot climates where reducing the water temperature is the issue. Please contact us to discuss your requirements.

CODE	DESCRIPTION
HTS-1	ABS plastic showerhead - flow control internal 75.7lpm regulator - internal stanchion 1" IPS galvanised steel pipe - inlet 1" NPT male; bottom supply - performance 75.7lpm @ minimum of 30psi (2 bar) - case dark green GRP construction - activator yellow pull handle

#### Optional extras include:

- Bullhorn eye wash (As shown on image)
- Eye/face wash with either plastic or stainless steel basins
- Foot treadle activator for eye/face wash
- Waste water collection sump (GRP with galvanised steel support frame or stainless steel) with threaded outlet
- Galvanised or stainless steel cubicles with collections sumps
- Commercial electrics PIR lighting
- Commercial electrics Alarm/sounder with proximity tilt switch
- ATEX Zone 1 Lighting
- ATEX Trace heating
- ATEX Zone 1 Alarm/sounder with proximity tilt switch

#### HEAT TRACE

220 volts @ 20 watts per metre; self regulating



Shown with optional bullhorn eye wash, PIR light and commercial alarm/sounder system

# HEAT TRACE SHOWERS

## HTS-1

The shower is equipped with a floor securing flange that requires suitable anchoring bolts (not supplied) to ensure that the shower is rigid and fully secured to the ground before use. If desired or required, additional straps/braces can be fitted to secure the unit if you feel it is necessary.

**BE SURE NOT TO DRILL OR SCREW ANYTHING INTO THE OUTER SHELL OF THE SHOWER.**



HTS-1 shown with audible visual alarm system & PIR activated light



HTS-1 shown with a heat reflective jacket which can also be used in conjunction with a chiller unit

You must ensure the unit is connected to a potable water supply, with a temperature that will allow the user to shower continually for a minimum of 15 minutes without discomfort or shock due to cold water temperatures. ANSI Z358.1 recommends that the water temperature should be between 16°C and 32°C and that the water supply is protected from freezing too.

### ANSI TIP

During the winter months, most facilities will encounter outside temperatures that are below 0°C and therefore emergency showers & eye/face wash stations need to be protected to ensure they will operate. ANSI Z358.1 states that “Where the possibility of freezing temperatures exists, equipment shall be protected from freezing or freeze-protected equipment shall be installed”

# WALL MOUNTED SHOWERS

## WMS

A wall mounted safety shower with ABS plastic shower head manufactured using galvanised pipe work which is protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils. All the fittings and elbow joints are brass.

This wall mounted safety shower has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1



CODE	DESCRIPTION
WMS	Wall mounted safety shower - 250mmØ ABS plastic shower head - pull handle activated - dimensions 80cm x 27cm x 13cm - total weight 4kg

Water inlet: 1" BSP

Shower flow rate: Regulated at 110lpm

Shower operation: Pull handle

Shower valve: Full bore 1"

**NOTE**

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.

**ANSI TIP**

ANSI Z385.1 states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. To facilitate this, all our showers come complete with a testing record card which allows the date of inspection and inspectors initials to be recorded.



# WALL MOUNTED SHOWERS

## WMS-SS

A wall mounted safety shower with stainless steel shower head manufactured using stainless steel pipe work and fittings; this safety shower is ideal for harsh environments and industries such as food and pharmaceutical.

This wall mounted safety shower has been designed to meet and exceed the internationally recognised standards:  
 EN15154 parts 1 & 2  
 DIN12899.3  
 ANSI Z358.1



CODE	DESCRIPTION
WMS-SS	Worktop drench hoes - twin outlet - 6ft reinforced hose - aerated water - stay open valve

Water inlet: 1" BSP

Shower flow rate: Regulated at 110lpm  
 Shower operation: Pull handle  
 Shower valve: Full bore 1"

**NOTE**

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.

**ANSI TIP**

Emergency showers shall be designed, manufactured and installed in such a manner that, once activated, they can be used without requiring the use of the operator’s hands.

# CEILING MOUNTED SAFETY SHOWERS

## CMS

A ceiling mounted safety shower with ABS plastic shower head manufactured using galvanised pipe work which is protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils. All the fittings and elbow joints are brass.

This ceiling mounted safety shower has been designed to meet and exceed the internationally recognised standards:

- EN15154 parts 1 & 2
- DIN12899.3
- ANSI Z358.1



CODE	DESCRIPTION
CMS	Ceiling mounted safety shower - 250mmØ ABS plastic shower head - pull handle activated - dimensions 80cm x 27cm x 13cm - total weight 3kg

Water inlet: 1" BSP

Shower flow rate: Regulated at 110lpm  
 Shower operation: Pull handle  
 Shower valve: Full bore 1"

**NOTE**

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.

**ANSI TIP**

Personal eyewash equipment, such as squeeze bottles do not meet the requirements of plumbed or self-contained eyewash equipment. Make sure units meeting ANSI Z358.1 are installed within 10 seconds travel time from the hazard area.

## CEILING MOUNTED SAFETY SHOWERS

### CMS-SS

A ceiling mounted safety shower with stainless steel shower head manufactured using stainless steel pipe work and fittings; this safety shower is ideal for harsh environments and industries such as food and pharmaceutical.

This ceiling mounted safety shower has been designed to meet and exceed the internationally recognised standards:  
EN15154 parts 1 & 2  
DIN12899.3  
ANSI Z358.1



CODE	DESCRIPTION
CMS-SS	Ceiling mounted safety shower - 250mmØ stainless steel shower head - pull handle activated - dimensions 80cm x 27cm x 13cm - total weight 4kg

Water inlet: 1" BSP

Shower flow rate: Regulated at 110lpm  
Shower operation: Pull handle  
Shower valve: Full bore 1"

NOTE  
Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.

ANSI TIP  
The storage, transfer and use of flammable liquids require showers and/or eyewashes as secondary protection. Look for containers used to handle or store these liquids and make sure ANSI Z358.1 compliant emergency equipment is available within 10 seconds' travel distance.

# WALL MOUNTED EYEWASH BASINS

## WMEW

A wall mounted safety eyewash with ABS plastic bowl which is fitted with two high flow aerated low pressure outlets fitted with automatic opening dust covers. All fittings are brass and are protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils.

This wall mounted eyewash has been designed to meet and exceed the internationally recognised standards:  
EN15154 parts 1 & 2  
DIN12899.3  
ANSI Z358.1



CODE	DESCRIPTION
WMEW	Wall mounted safety eyewash - ABS plastic bowl & eyewash assembly - push paddle activated - dimensions 51cm x 36cm x 13cm - total weight 3kg

Water inlet: ½" BSP  
Waste: 1¼" BSP

Eyewash flow rate: 22lpm  
Eyewash operation: Push paddle  
Eyewash valve: Full bore ½"

**NOTE**  
Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.

**ANSI TIP**  
ANSI Z385.1 states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. To facilitate this, all our showers come complete with a testing record card which allows the date of inspection and inspectors initials to be recorded.

# WALL MOUNTED EYEWASH BASINS

## WMEW-SS

A wall mounted safety eyewash with stainless steel bowl and fittings making it ideal for harsh environments and industries such as food and pharmaceutical. The bowl is fitted with two high flow aerated low pressure outlets fitted with automatic opening dust covers.

This wall mounted eyewash has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1



CODE	DESCRIPTION
WMEW-SS	Wall mounted safety eyewash - stainless steel bowl & eyewash assembly - push paddle activated - dimensions 51cm x 36cm x 13cm - total weight 5kg

Water inlet: ½" BSP

Waste: ¼" BSP

Eyewash flow rate: 22lpm

Eyewash operation: Push paddle

Eyewash valve: Full bore ½"

### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.

### ANSI TIP

Eyewashes and Eye/Face Washes shall be arranged such that the flushing fluid flow pattern is not less than 83.8cm and no greater than 134.6cm from the surface on which the user stands and 15.24cm minimum from the wall or nearest obstruction.

# PEDESTAL MOUNTED EYEWASH

## PMEW

A pedestal mounted safety eyewash with ABS plastic bowl with galvanised steel pipe work and brass fittings which are protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils.

The eyewash is fitted with two high flow aerated low pressure outlets fitted with automatic opening dust covers.

This pedestal mounted eyewash has been designed to meet and exceed the internationally recognised standards:

- EN15154 parts 1 & 2
- DIN12899.3
- ANSI Z358.1

CODE	DESCRIPTION
PMEW	Pedestal mounted safety eyewash - ABS plastic bowl & eyewash assembly - push paddle activated - dimensions 80cm x 27cm x 13cm - total weight 6kg

Water inlet: ½" BSP  
Waste: 1¼" BSP

Eyewash flow rate: 22lpm  
Eyewash operation: Push paddle  
Eyewash valve: Full bore ½"

**NOTE**

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

**ANSI TIP**

The storage, transfer and use of flammable liquids require showers and/ or eyewash stations as secondary protection. Look for containers used to handle or store these materials and make sure ANSI Z358.1 compliant emergency equipment is within 10 seconds' travel distance.



# PEDESTAL MOUNTED EYEWASH

## PMEW-SS

A pedestal mounted safety eyewash with stainless steel bowl and stainless steel pipe work and fitting making it ideal for harsh environments and industries such as food and pharmaceutical. The bowl is fitted with two high flow aerated low pressure outlets fitted with automatic opening dust covers.

This pedestal mounted eyewash has been designed to meet and exceed the internationally recognised standards:

- EN15154 parts 1 & 2
- DIN12899.3
- ANSI Z358.1

Total weight: 9kg

Dimensions: 80cm x 27cm x 13cm

CODE	DESCRIPTION
PMEW-SS	Pedestal mounted safety eyewash - stainless steel bowl & eyewash assembly - push paddle activated - dimensions 80cm x 27cm x 13cm - total weight 6kg

Water inlet: 1/2" BSP

Waste: 1/4" BSP

Eyewash flow rate: 22lpm

Eyewash operation: Push paddle

Eyewash valve: Full bore 1/2"

### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

### ANSI TIP

All employees who may be exposed to hazardous or corrosive materials must know the locations of and be instructed in the proper use of the eyewash and/or drench shower equipment on site, in addition, site plans showing the exact locations of all emergency stations should be freely available to anyone entering the site.



# DUEL CONTROL PEDESTAL MOUNTED EYEWASH

## PMEW-DC

A pedestal mounted dual control safety eyewash with galvanised steel pipe work and brass fittings that are protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils. The bowl is fitted with two high flow aerated low pressure outlets fitted with automatic opening dust covers.

Activation of this safety eyewash is by means of either pushing the hand paddle or standing on the foot treadle.

This pedestal mounted dual control eyewash has been designed to meet and exceed the internationally recognised standards:  
 EN15154 parts 1 & 2  
 DIN12899.3  
 ANSI Z358.1

CODE	DESCRIPTION
PMEW-DC	Pedestal mounted dual control safety eyewash - ABS plastic bowl & eyewash assembly - fitted with push paddle & foot treadle activation - dimensions 80cm x 27cm x 13cm - total weight 7.5kg

Water inlet: ½” BSP  
 Waste: ¼” BSP

Eyewash flow rate: 22lpm  
 Eyewash operation: Push paddle & foot treadle  
 Eyewash valve: Full bore ½”

NOTE  
 Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

ANSI TIP  
 If shut-off valves are installed on the supply line for maintenance purposes, provisions must be made to prevent unauthorized shut-off. Lock-out tag systems are the most common method used to ensure the shut-off valves are kept open.





## 14 SPRAY HEAD DECONTAMINATION SHOWER

### EDS

A self-drain decontamination shower manufactured using galvanised pipe work which is protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating to give good resistance to acids, bases, seawater and oils. The decontamination shower is fitted with 14 spray heads to provide full body coverage and activation occurs as soon as the treadle plate is stepped on.

This decontamination shower is fitted with an automatic drain system to remove residual water after use and has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1

CODE	DESCRIPTION
EDS	Self-drain decontamination shower - 14 spray heads - foot treadle activated - dimensions 104cm x 87cm x 13cm - total weight 50kg

Water inlet: 1¼" BSP

Operation: Foot treadle

Water valve: Automatic drain

#### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

#### ANSI TIP

Nothing must be allowed to block access to an emergency flushing station, please note that a door is also classed as an obstruction. If the hazard is non-corrosive, one door between the hazard and the emergency flushing station is acceptable so long as it opens in the same direction of travel as the person requiring the use of the emergency flushing area.



# WALL MOUNTED DRENCH HOSE

## WMSH

A wall mounted drench hose with a head manufactured from galvanised steel with brass fittings, protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils, the 1.5m flexible hose is stainless steel.

The drench hose outlet provides hi-flow aerated water at low pressure and is fitted with an automatic opening anti-dust cover.

This single outlet wall mounted drench hose has been designed to meet and exceed the internationally recognised standards:

- EN15154 parts 1 & 2
- DIN12899.3
- ANSI Z358.1

CODE	DESCRIPTION
WMSH	Wall mounted drench - hose single outlet - 1.5m flexible hose - trigger activated - dimensions 36cm x 27cm x 8cm - total weight 2kg



Water inlet: 1/2" BSP

Flow rate: 15lpm  
Operation: trigger

**NOTE**  
Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

**ANSI TIP**  
Safety showers and/or eyewash stations must be located on the same level as the hazard and the pathway between them must be clear of obstructions. If your facility contains a hazardous area that is located on a different level to your current emergency flushing area, you will have to install further equipment on the same level as the hazard.

## BENCH MOUNTED DRENCH HOSE

### TMSH

A bench mounted drench hose with a head manufactured from galvanised steel with brass fittings, protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils, the 1.5m flexible hose is stainless steel.

The drench hose outlet provides hi-flow aerated water at low pressure and is fitted with an automatic opening anti-dust cover.

This single outlet bench mounted drench hose has been designed to meet and exceed the internationally recognised standards:

EN15154 parts 1 & 2

DIN12899.3

ANSI Z358.1

CODE	DESCRIPTION
TMSH	Bench mounted drench hose - single outlet - 1.5m hose trigger activated - dimensions 36cm x 27cm x 8cm - total weight 2kg

Water inlet: ½" BSP

Flow rate: 15lpm

Operation: trigger

#### NOTE

Water inlet pressure: Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar

#### ANSI TIP

ANSI Z358.1 requires that shower valves be of simple operation, turn from off to on in one second or less, and provide hands-free operation once activated. Self-closing shower valves do not meet the standard and should be replaced.



**PORTABLE EYEWASH TANKS**

**SE-4400**

This portable eye wash is designed to provide the ultimate solution to locations that require an eye wash, but don't have access to a potable water supply. It features a 34.1ltr tank providing a continuous flow for the ANSI Z358.1 required 15 minutes and with the capability of being shelf, table, or wall-mounted, it can be used almost anywhere. A simple pull of the highly visible yellow activator instantly delivers relieving streams of water, allowing hands free operation. The SE-4400 is offered with a 3 year limited warranty.

Please refer to page 1 for water treatment dosing chemicals to ensure clean, safe water.



CODE	DESCRIPTION
SE-4400	Portable eye wash station - 34.1ltr capacity - mounts almost anywhere

Run time (Full tank): 15 minutes (minimum)  
Flow rate: 1.5ltr per min (minimum)

**ANSI TIP**

Safety showers and/or eyewash stations must be located on the same level as the hazard and the pathway between them must be clear of obstructions. If your facility contains a hazardous area that is located on a different level to your current emergency flushing area, you will have to install further equipment on the same level as the hazard

## PORTABLE EYEWASH TANKS

### SE-4300

This portable eyewash tank allows staff working in remote locations to have instant access to equipment to wash liquids, debris etc. out of their eyes or decontaminate other areas of their body.

The 75.7ltr capacity portable eyewash tank comes complete with a drench hose for spot body washing and provides a run time (for the eyewash only) in excess of the ANSI Z328.1 required 15 minute standard.

Activation of the eyewash could not be easier; just pull the high visibility yellow elastomeric strap which releases the two dust covers and the water starts to flow and is completely hands free.

Please refer to page 1 for water treatment dosing chemicals to ensure clean, safe water.



CODE	DESCRIPTION
SE-4300	Portable eye wash with drench hose - plastic gravity fed tank - 75.7ltr capacity

Run time eyewash only: 15 minutes (minimum)

Flow rate: 1.5ltr per min

#### ANSI TIP

Make sure you provide emergency showers and/or eyewashes within 10 seconds travel time of a hazard to ensure compliance with the universally accepted minimum performance standards; ANSI Z358.

**PORTABLE EYEWASH TANKS**

**SE-590**

The dependable answer when mains water is not available or you have a temporary need to provide protective emergency equipment. This 38 litre stainless steel pressurised unit features dual spray outlets with flip-top dust covers, activated by a stainless steel push handle a 6ft reinforced drench hose for spot body washing and a pressure gauge.

Please refer to page 1 for water treatment dosing chemicals to ensure clean, safe water.

CODE	DESCRIPTION
SE-590	Portable eye wash with drench hose - pressurised stainless steel tank - 38ltr capacity

Flow rate eyewash only: 1.5ltr per min for 15 minutes  
 Flow rate hand held spray: 5.7ltr per min for 15 minutes

**ANSI TIP**  
 Self-contained eyewashes shall be visually checked weekly to determine if flushing fluid needs to be changed or supplemented. Such inspection shall be conducted in accordance with manufacturer’s instructions.

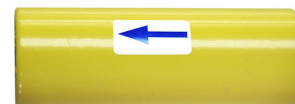


## ACCESSORIES

In addition to the following accessories we offer a full range of spare parts for all the safety showers and eyewash basins detailed in this book, either download the PDF from the website or contact us to discuss your requirements.

### FPV

A temperature activated valve that continuously senses the water temperature and automatically bleeds the shower/eyewash to ensure the system does not freeze.



### ASV

A temperature activated valve that continuously senses the water temperature and automatically bleeds the shower/eyewash to ensure the system does not produce scalding water.



### TSV

A hot and cold water mixing valve providing tepid water from 20°C to 43°C (adjustable) at a minimum rate of 122lpm at 2 bar. Should the hot water supply fail the systems internal bypass continues to deliver cold water at a minimum of 105lpm at 2 bar. If the cold water supply fails the system shuts the hot water supply off to prevent scalding.



CODE	DESCRIPTION
FPV	<p>Connection: ½" Female                      Water inlet pressure: Recommended 2 bar with a maximum of 4 bar (Operation not affected by pressure variations) - please notify us prior to ordering if your water pressure is below 1.5 bar.                      Water supply temperature: 80°C maximum                      Maximum opening temperature: 2°C                      Fully closed temperature: 4.4°C                      Note: The system operates without an external power supply</p>
ASV	<p>Connection: ½" Female                      Water inlet pressure: Recommended 2 bar with a maximum of 4 bar (Operation not affected by pressure variations) - please notify us prior to ordering if your water pressure is below 1.5 bar.                      Water supply temperature: 80°C maximum                      Maximum opening temperature: 40.5°C                      Fully closed temperature: 35°C                      Note: The system operates without an external power supply</p>
TSV	<p>Connection: 1½" Male with optional kit including two 1" male adapters with check valves on the inlets.                      Water inlet pressure (Hot &amp; cold): Recommended 2 bar with a maximum of 8 bar - please notify us prior to ordering if your water pressure is below 1.5 bar.                      Hot water supply temperature: Optimum 50-70°C (Maximum 100°C)                      Cold water supply temperature: Optimum 5-10°C (Maximum 23°C)                      Fully closed temperature: 35°C</p>

### NOTE:

FPV & ASV are protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils.

### ANSI TIP

Delivering tepid water is a crucial but often overlooked component of providing compliant eyewash and drench shower stations. The updated ANSI Z358.1 standard includes a section specifically about the delivery of tepid water. "Tepid water" is defined as "A flushing fluid temperature conducive to promoting a minimum 15 minute irrigation period."

**ACCESSORIES**

**CONN-1**

A "T" connector designed for use with either freeze protection valve FPV or anti scald valve ASV to connect to the 1 1/4" inlet.

**CONN-2**

A "U" connector designed for use when connecting the freeze protection valve FPV or anti scald valve ASV to an eyewash basin.

**CONN-3**

A "T" connector designed for use when connecting the freeze protection valve FPV or anti scald valve ASV to an eyewash basin.

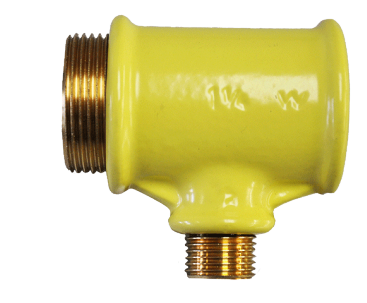
CODE	DESCRIPTION
CONN-1	Connection: 1 1/4" x 1/2"
CONN-2	Connection: 1 x 1/2" female - 2 x 1/2" male
CONN-3	Connection: 1 x 1/2" female - 2 x 1/2" male

**NOTE**

All three connectors are protected with an anti-corrosive Polyamide 11 high visibility yellow plastic coating which provides good resistance to acids, bases, seawater and oils.

**ANSI TIP**

During the winter months, most facilities will encounter outside temperatures that are below 0°C and therefore emergency showers & eye/face wash stations need to be protected to ensure they will operate. ANSI Z358.1 states that "Where the possibility of freezing temperatures exists, equipment shall be protected from freezing or freeze-protected equipment shall be installed"



CONN-1



CONN-2



CONN-3



## ACCESSORIES

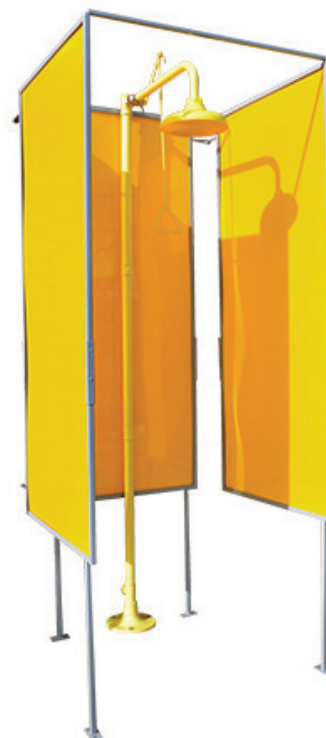
### SCREEN

A simple 3 sided structure designed to help contain the water from the shower and/or afford some modestly to the user. The screen will also provide some protection from the wind and help reduce any thermal shock.

### STC

This simple device stops the operator from getting soaked when carrying out weekly test activations of the shower. Manufactured from plasticized PVC the curtain simply “gathers” at the top of the shower and contains the water, directing it to the floor.

We offer commercial and ATEX rated alarm systems (audible & visual), please contact us to discuss your specific requirements

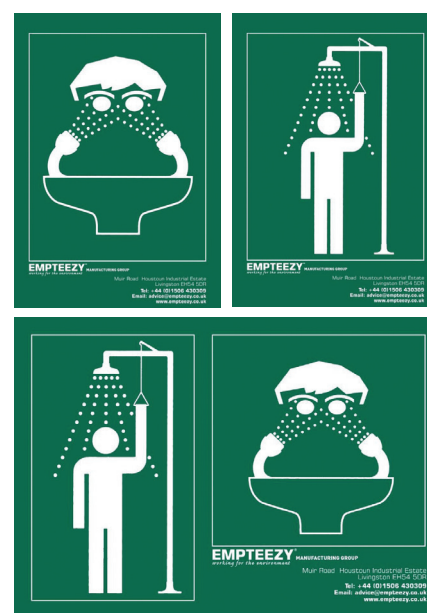


SCREEN

CODE	DESCRIPTION
SCREEN	DESCRIPTION Plastic coated steel frame which bolts to the floor (fixings not provided) - 3 side panels are high-visibility yellow PMMA (Polymethyl Methacrylate) which has an extremely long service life, high resistance to UV light and weathering
STC	Test activation curtain - slips over shower head and funnels water to the ground
ESS	Safety Shower pictogram sign
EEWS	Safety eyewash pictogram sign
ESEWS	Combined safety shower & safety eyewash pictogram sign

### ANSI TIP

ANSI Z358.1 requires that shower valves be of simple operation, turn from “off” to “on” in one second or less, and provide hands-free operation once activated. Self-closing shower valves do not meet the standard and should be replaced.



Safety signs

# COMPATIBILITY GUIDE

Our range of safety showers and eyewash basins (excluding tanks showers, stainless steel versions and portable tanks) are coated with high visibility yellow, anti-corrosive plastic to provide protection against a wide range of substances. The following table details the plastic coating's resistance to a great many substances but is not an exhaustive list.

Plastic Coating Resistance			
Condition after 18 months contact			
G = Good L = Limited P = Poor			
INORGANIC BASES	CONCENTRATION	20°C	40°C
AMMONIUM HYDROXIDE	Concentrated	G	G
AMMONIA	Liquid or gas	G	G
LIME-WASH			G
POTASSIUM HYDROXIDE	50%	G	L
SODIUM HYDROXIDE	5%	G	G
SODIUM HYDROXIDE	10%	G	L
SODIUM HYDROXIDE	50%	G	L
INORGANIC ACIDS			
CHROMIC ACID	10%	P	P
HYDROCHLORIC ACID	1%	G	L
PHOSPHORIC ACID	50%	G	L
SULPHURIC ACID	1%	G	L
INORGANIC SALTS			
ALUM		G	G
ALUMINUM SULPHATE		G	G
AMMONIUM NITRATE	Concentrated solutions	G	G
AMMONIUM SULPHATE	Concentrated solutions	G	G
BARIUM CHLORIDE	Concentrated solutions	G	G
CALCIUM ARSENATE	Concentrated solutions	G	G
CALCIUM CHLORIDE	Concentrated solutions	G	G
CALCIUM SULPHATE	Concentrated solutions	G	G
COPPER SULPHATE	Concentrated solutions	G	G
DIAMMONIUM PHOSPHATE	Concentrated solutions	G	G
MAGNESIUM CHLORIDE	50%	G	G
POTASSIUM FERROCYANIDE	Concentrated solutions	G	G
POTASSIUM NITRATE	Concentrated solutions	G	L
POTASSIUM SULPHATE	Concentrated solutions	G	G
SODIUM CARBONATE	Concentrated solutions	G	G
SODIUM CHLORIDE	Saturated	G	G
SODIUM SILICATE	Concentrated solutions	G	G
SODIUM SULPHIDE	Concentrated solutions	G	L
TRISODIUM PHOSPHATE	Concentrated solutions	G	G
OTHER INORGANIC PRODUCTS			
AGRICULTURAL SPRAYS		G	G
BLEACH SOLUTION		L	P
CHLORINE		P	P
FLOURINE		P	P
HYDROGEN		G	G
HYDROGEN PEROXIDE	20 vol	G	L
MERCURY		G	G
OXYGEN		G	G
OZONE		L	P
POTASSIUM PERMANGANATE	5%	P	P
SEA WATER		G	G
SODA WATER		G	G
SULPHUR		G	G
WATER		G	G

# COMPATIBILITY GUIDE

ORGANIC ACIDS AND ANHYDRIDES			
ACITRIC ACID		G	G
LACTIC ACID		G	G
OLEIC ACID		G	G
OXALIC ACID		G	G
STEARIC ACID		G	G
TARTARIC ACID	Saturated solution	G	G
URIC ACID		G	G
HYDROCARBONS			
ACETYLENE		G	G
BENZENE		G	G
BUTANE		G	G
CYCLOHEXANE		G	G
DECALIN		G	G
FORANE * 12 (CFC)		G	
FORANE * 22 (CFC)		G	
HEXANE		G	G
METHANE		G	G
NAPHTALENE		G	G
PROPANE		G	G
STYRENE		G	G
TOLUENE		G	G
XYLENE		G	G
ALCOHOLS			
BENZYL ALCOHOL		L	P
BUTANOL		G	L
ETHANOL	Pure	G	G
GLYCERINE	Pure	G	G
GLYCOL		G	G
METHANOL	Pure	G	L
ALDEHYDES AND KETONES			
ACETALDEHYDE		G	L
ACETONE	Pure	G	G
BENZALDEHYDE		G	L
CYCLOHEXANONE		G	L
FORMALDEHYDE	Technical	G	L
METHYLETHYLKETONE		G	G
METHYLISOBUTYLKETONE		G	G
CHLORINATED SOLVENTS			
METHYL BROMIDE		G	P
METHYL CHLORIDE		G	P
PERCHLOROETHYLENE		G	G
TRICHLOROETHYLENE		G	L
PHENOLS			
		P	P

SALTS, ESTERS, ETHERS			
AMYL ACETATE		G	G
BUTYL ACETATE		G	G
DIETHYL ETHER		G	
DIOCTYLPHOSPHATE		G	G
DIOCTYLPHTHALATE		G	G
ETHYL ACETATE		G	G
FATTY ACID ESTERS		G	G
METHYL ACETATE		G	G
METHYL SULFATE		G	L
TRIBUTYLPHOSPHATE		G	G
TRICRESYLPHOSPHATE		G	G
VARIOUS ORGANIC COMPOUNDS			
ANETHOLE		G	
CARBON DISULPHIDE		G	L
DIACETONE ALCOHOL		G	G
DIMETHYL FORMAMIDE		G	G
ETHYLENE CHLORHYDRIN		P	P
EHYLENE OXIDE		G	G
FURFUROL		G	G
GLUCOSE		G	G
TETRAETHYL LEAD		G	
TETRAHYDROFURANE		G	G
VARIOUS PRODUCTS			
BEER		G	
CIDER		G	
CRUDE PETROLEUM		G	G
DIESEL FUEL		G	G
FRUIT JUICES		G	G
FUEL-OIL		G	G
GREASES		G	G
GROUND-NUT OIL		G	G
HIGH OCTANE PETROL		G	G
KEROSENE (Paraffin)		G	G
LINSEED CAKE		G	G
MILK		G	G
MUSTARD		G	
NORMAL PETROL		G	G
OILS		G	G
SOAP SOLUTION		G	
STEARIN		G	G
SOLVENT NAPHTA		G	G
TOWN GAS		G	G
TURPENTINE		G	G
VINEGAR		G	
WINE		G	

Empteezy® is the home of quality engineered drum/IBC bunded storage units, waste handling skips, absorbents & spill kits, safety showers & tank showers and flammable liquid safety products. Our overriding aim is to help you comply with legislation and implement best practice in connection with your oil and chemical storage needs, spill response programs, including spill kits & spill kit training, emergency safety shower and tank shower applications and waste handling projects.

With our products tailored to meet the requirements of a variety of different working environments including industrial, commercial, military, marine and educational setting, we manufacture in excess of 70% of the products available in our portfolio in our own factories, making us well placed to provide you with expert advice on how our products can help you meet UK, EU and International Standards relating to spill containment and spill control of hazardous liquids.

Customer satisfaction is of paramount importance to us which is why we aim to provide a complete service and develop long term relations and we will always work with you to resolve any issues that are encountered in a timely and professional manner.

Empteezy® is the only company within the spill control and spill containment sector to be accredited to ISO 9001, ISO 14001 & ISO 18001 International Standards and uses the vast array of experience it has amassed over the years to provide practical advice over the phone or by email, regular blogs on industry related topics, a web based advice centre and free of charge confidential site assessments with detailed follow-up reports.

For general enquiries or if you need detailed information regarding a specific application please don't hesitate to contact us on:

Tel: 01506 430 309  
Email: [advice@empteezy.co.uk](mailto:advice@empteezy.co.uk)  
Web: [www.empteezy.co.uk](http://www.empteezy.co.uk)

We are here to help you

**EMPTEEZY® MANUFACTURING GROUP**

