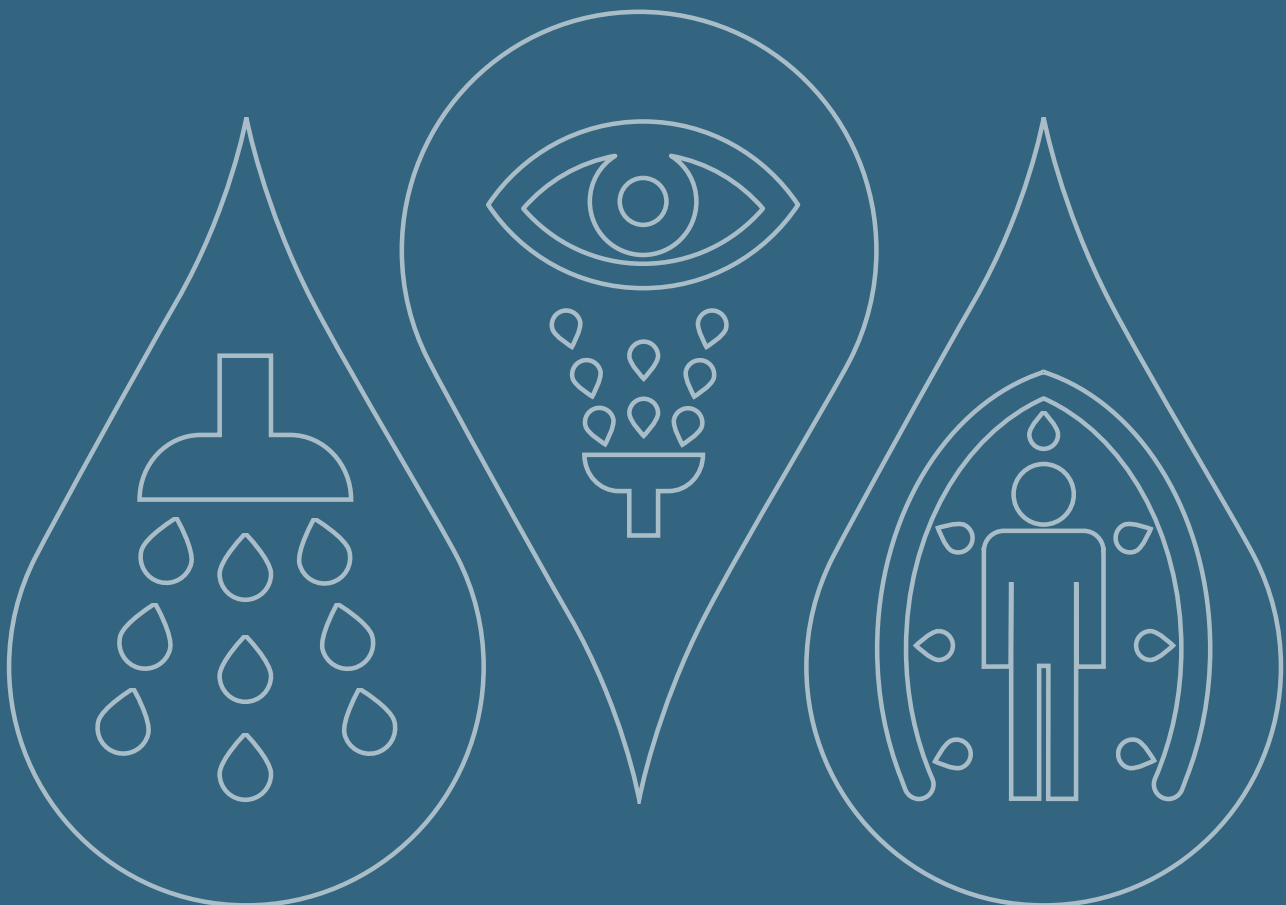


» Emergency Safety Showers and Eye/Face Washes for All Environments



Over 55 years of manufacturing excellence

JD Hughes fabrications, founded in 1950, were erecting pipework in the petrochemical industry when an unfortunate accident became the impetus for developing safety showers and eye washes - long before current HSE/COSHH requirements.

The products were soon in demand, and in 1968 the company began to specifically manufacture emergency shower and eye/face wash equipment in the UK. Now an international market leader and part of the Justrite Safety Group, Hughes has sites and customers across the world.

A GLOBAL MARKET LEADER IN THE DESIGN AND MANUFACTURE OF:



Emergency Safety Showers



Eye/Face Washes



Decontamination Equipment

HELPING YOU COMPLY WITH CRUCIAL SAFETY STANDARDS

- ANSI Z358.1-2014
- EN 15154

ISO 9001:2015
Quality Management System Certification



PROVIDING INDUSTRY WORLDWIDE WITH A **SAFER** WORKING ENVIRONMENT, GREATER **PROTECTION** AGAINST SERIOUS INJURY AND **COMPLIANCE** TO WORLDWIDE STANDARDS

GLOBAL DISTRIBUTION



Manufacturing and offices in Canada, the UK and Germany, supported by a network of distributors.

Established 1968

SOLUTIONS FOR ALL INDUSTRIES

- Water utilities
- Oil and gas
- Manufacturing
- Pharmaceutical
- Agriculture
- Military
- Offshore
- Mining
-and many more

ADDITIONAL SERVICES & SUPPORT



- Customized solutions project management team
- Engineering and CAD team
- Rental fleet
- Site assessment
- Spare parts

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Whatever industry you're in, there's nothing more important than keeping your workforce safe – that's where we come in.

Our emergency safety showers, eye/face wash units and decontamination equipment provide you with a safer working environment, greater protection against serious injury and peace of mind that you're compliant with crucial safety standards.

These high-quality products are used in a wide range of industries including oil and gas, offshore, manufacturing and agriculture. They are the first line of defence in the event of an accidental splash or spillage on site. Using them, you can quickly wash off potentially hazardous substances. Without them, you could risk serious injury, permanent disability or even death.

How can Hughes help me?

We provide a complete package that takes care of everything, so you don't have to. This includes manufacturing and installing safety showers and eye/face washes for a wide range of environments – from the heat of the desert to arctic conditions.

In order to fully assess your needs, Hughes' experts are available to carry out a site survey and recommend the right safety showers for your site. If necessary, we can engineer customized solutions to meet any unique requirements.

Hughes' rental service also allows you to keep your workforce protected during short contracts and annual maintenance shut downs, or when buying equipment isn't an option.



Why work with Hughes?

With a first-class reputation gained from more than 55 years of trading, Hughes is renowned for innovative engineering design, premium-quality products and stringent compliance with International standards.

Our company was born of innovation in site safety and has been at the forefront of this field ever since. That's five decades of trusted knowledge and expertise you won't find elsewhere. It's what enables us to fully understand your unique requirements and create customized solutions that meet your needs perfectly.

Quality is our watchword – with all our processes audited to ISO standards, and manufacturers of sustainable, high-quality components in evidence throughout our entire supply chain.

This means that when you buy a product from us, it will be reliable, robust, 100% fit-for-purpose, safety compliant and long lasting.

With sites in Canada, the UK and Germany, and a global network of authorized distributors – you can rest assured you're in safe hands.

» Five decades of trusted knowledge and expertise.



Understanding ANSI Standards

There are a number of important considerations when selecting the correct safety showers and eye/face washes for your site, the first of which is to understand what is recommended and required by International standards.

The internationally recognized ANSI Z358.1-2014 standard recommends performance requirements for industrial eye/face wash units and emergency safety showers. It is focused on the performance, use, installation, testing, maintenance and training of this essential safety equipment. While not legally binding, it is considered best practice to adhere to the standard to remain compliant.

It is advisable to consult the standard in its entirety before making a purchase, here we aim to provide a general overview of the main requirements for the satisfactory operation of emergency safety showers and eye/face wash units.

For a more in-depth summary of the standards, visit: www.hughes-safety.com/standards

Water Temperature

- Water delivered by safety showers should be tepid, between 16C-38C (60F-100F).

At temperatures above 38C (100F) there is the added danger of scalding and increased absorption of harmful chemicals into the skin.

Prolonged exposure to water below 16C (60F) increases the risk of thermal shock or hypothermia and prevents the casualty using the shower to decontaminate effectively for the full 15 minutes.

Adequate Water Flow

- Emergency safety showers should deliver a minimum of 76 liters (20 GPM) per minute of potable water for up to 15 minutes in the required spray pattern.
- Eye/face wash units should deliver 12 liters (3 GPM) per minute for up to 15 minutes to ensure a thorough decontamination.

Operation

- Equipment must be both accessible and easy to operate, even if the victim has impaired vision.
- The valve must be designed so the flushing flow remains on without the use of the operator's hands, and goes from 'off' to 'on' in one second or less.



Hughes products are manufactured to suit both hazardous and non-hazardous locations.

Location

- Emergency equipment should be installed within 10 seconds reach and on the same level as a potential hazard.
- They must be situated in a prominent position, clearly visible, well-lit and free from any obstructions.

Maintenance

- Emergency equipment must be visually inspected and activated weekly along with an annual service to ensure conformance to ANSI standards.
- A good maintenance program is essential to guarantee reliable and effective emergency equipment.

Further considerations:

Consult the **Safety Datasheet** to identify the chemical, and subsequent hazard.

Consult your **site risk assessment** to determine the specific requirements for emergency safety showers and eye washes, and whether there is an existing **site standard** and/or specification in place for this equipment.

Consider the **location** of the safety equipment;

What is the **ambient temperature**?

Do you have **sufficient drainage**?

Do you have a **potable and reliable water supply** with enough pressure?

Is the shower being used in an **explosive area**?

What are the **electrical requirements** for the hazardous area?

Tank Fed Safety Showers

Effective in environments where a constant water supply cannot be guaranteed. Equally, if there is insufficient water pressure or inadequate flow rates a tank fed safety shower is essential.

These showers are highly customisable with a wide range of optional fittings to suit individual site requirements. Take a look at pages 10-11 for more information.



- Available with a 1200 liter or 2000 liter (528 US gallons) overhead tank
- Meets the ANSI standard, providing tepid water for over 15 minutes** at a guaranteed flow of 76 liters per minute (20 GPM) from the shower, and 12 liters per minute (3 GPM) from the eye/face wash
- Quick and simple to activate using the highly visible panic bar - add an optional foot panel for hands-free operation
- Corrosion resistant, stainless-steel frames are designed to be earthquake proof, conforming to the California Building Code
- Polar models are designed to be operational in temperatures down to -40C (-40F)
- With the addition of a chiller unit, the jacketed models deliver tepid water in climates up to +55C (131F)

**2000L model only. The 1200L model must be connected to a plumbed-in water source to meet this requirement.

Emergency Tank Shower Description	SKU
Immersion heated 2000 liter tank fed shower with closed bowl eye/face wash (and quick ship version)*	MH14KS2000 (QS2000)
Immersion heated 2000 liter tank fed shower with closed bowl eye/face wash and insulated cubicle and doors*	MH14KS2000P
Immersion heated 1200 liter tank fed shower with closed bowl eye/face wash (and quick ship version)*	MH14KS1200 (QS1200)
Immersion heated 1200 liter tank fed shower with closed bowl eye/face wash and insulated cubicle and doors*	MH14KS1200P
Jacketed and insulated 2000 liter tank fed shower with closed bowl eye/face wash*	J14KS2000
Jacketed and insulated 1200 liter tank fed shower with closed bowl eye/face wash*	J14KS1200

Available voltages include 120V and 220V 1-phase as standard. Optional 208V/1-Phase, 480V/3-Phase and 600V/3-Phase

⚠️*WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

» In cold climates, the immersion-heated and insulated model prevents the water in the tank from freezing, rendering the shower inoperable. Models are available to suit both hazardous and non-hazardous environments.

In environments where temperatures can drop to -40C (-40F), the polar tank shower incorporates a double-skinned fibreglass insulated cubicle fitted with internal space heaters to protect the user from the elements.



MH14KS2000P

Polar tank fed shower, suitable for extreme cold climates, features an insulated cubicle with doors
Shown with a selection of optional fittings

QS2000

Jacketed and insulated 2000L tank fed shower which is packed for economical shipment and assembly on site



J14KS1200

Jacketed and insulated 1200L tank fed shower



» For indoor use, or outdoors in warm climates, the jacketed and pre-insulated models ensure a steady water temperature is maintained.

In extreme hot climates, the addition of a chiller unit is crucial to prevent water within the tank reaching dangerous levels and potentially scalding a casualty upon activation. Find more information on page 10.

Visit hughes-safety.com to view datasheets featuring full specifications and general arrangement drawings

Optional Fittings for Tank Fed Safety Showers



From oil rigs to water treatment sites, petrochemical plants to mining facilities, emergency tank fed showers are the perfect solution for many industries. They are highly customizable and can be tailored to fit your specific safety needs.

Whether you require audible alarms to alert workers to the shower being activated, signage and lighting to improve visibility or sumps and strip screens to contain contaminated water, Hughes have a wide range of options to explore.

If you have unique requirements simply contact Hughes directly to discuss in more detail.

1200L emergency tank fed shower on site at an agricultural chemical company, customized with a strip screen entrance and audible alarm



In locations where the ambient temperature can reach up to +55C (131F), the addition of a cooling unit is required to temper the water within the tank to comply with the ANSI standard.

With solutions for both hazardous and non-hazardous environments, all cooling units are retrofittable to existing Hughes tank showers.

Cooling Unit Description	SKU
Hazardous location chiller	TS FP CHILLER Z2
General purpose chiller	TS NFP CHILLER



Hazardous location Chiller



General Purpose Chiller

Suitable for hazardous environments	•	
Set water temperature required	•	•
Third party tested	•	
Additional floorspace required	•	

Visit hughes-safety.com to view more information and datasheets featuring full specifications



Optional Fittings*	
Alert employees to a casualty using the safety equipment to offer assistance	Audible/Visual alarms and beacons
Provide an alert when the temperature of the overhead tank falls outside of the tepid range	Dual temperature switch
Additional lighting to ensure the shower is clearly visible in the event of an emergency	Lighting
Offer a hands-free alternative means of activating a safety shower or eye/face wash	Walk-on foot panel and foot treadle
Protect your safety shower or eye/face wash from excessive pressures regardless of fluctuating inlet pressure	Pressure reducing valve
Contain excess water and direct it towards a nearby drain	Drain sump and grating
Automatically replenish a proportion of the water in the tank at regular intervals to prevent bacteria build-up	Syphon dump valve

Pictured (clockwise): dual temperature switch, audible and visual alarm, drain sump and grating, syphon dump valve, aquanella



View more details on the full complement of optional fittings for all models at hughes-safety.com

Optional fittings for each shower can be viewed in the drop-down list featured on each product page. To request a quote, simply add the item to your enquiry and submit.

Selecting the right options ensures you have the best safety system for your facility while improving safety, increasing functionality and adding convenience.



Indoor Unheated Safety Showers: Mains-fed

The Hughes mains-fed, unheated safety showers suit a range of indoor applications, including a selection designed specifically for the laboratory environment.

The scope of the range extends from simple wall or ceiling mounted drench showers, ideal where space is at a premium, to cubicle showers with integral drain sumps, and floor standing units complete with eye wash and body spray.



- All models provide 76 liters per minute (20 GPM) flow rate from the shower, and 12 liters per minute (3 GPM) from an eye/face wash meeting the ANSI standard
- Choice of stainless steel or galvanised mild steel pipework
- Laboratory range - manufactured in easy to clean, corrosion resistant powder coated stainless-steel
- Combination showers available with a lidded, or open bowl eye wash
- Cubicle safety showers feature an integral drain sump to contain contaminated water

Description	SKU - (S) denotes stainless steel model
Drench Showers	
Floor mounted shower	18G(S)
Ring main mounted shower	23G(S)
Ceiling mounted shower	23G(S)/V
Wall mounted shower	23G(S)/H
Over door mounted shower	23G(S)/OD
Combination Showers	
Floor mounted shower with lidded ABS eye wash*	18G(S)45G
Floor mounted shower with open bowl ABS eye wash*	18G(S)75G
Floor mounted shower with open bowl stainless steel eye wash*	18G(S)85G
Wall mounted shower with lidded ABS eye wash*	33G(S)45G



Combination models available with a closed bowl ABS eye wash, or yellow ABS plastic or stainless steel open bowl eye wash



18G45G

Combination safety shower with ABS lidded eye wash
Shown with optional foot treadle and powder coated green pipework

18GS85G

Combination safety shower with stainless steel open bowl eye wash
Shown with optional foot treadle



Unheated shower models are available with a choice of pipework material. They share the same rigidity, strength and UV resistance, yet are often better suited to certain applications and environments.



Galvanised mild steel: a cost effective material suitable for general, non-corrosive environments. Coated internally and externally with a thin layer of zinc to resist corrosion.

Stainless steel: this highly durable and rust resistant piping material is excellent in wet environments, or where salt and sea spray is present.

Powder coated stainless steel (laboratory range only): Ideal for the laboratory setting providing the greatest corrosion resistance and strength, whilst being easy to clean.

Description	SKU
Laboratory Showers - with powder coated stainless steel pipework	
Ring main mounted laboratory shower	L23GS
Ceiling mounted laboratory shower	L23GSV
Wall mounted laboratory shower	L23GSH
Over door mounted laboratory shower	L23GSOD
Wall mounted laboratory shower with open bowl eye wash*	L33GS34G
Floor mounted laboratory shower with open bowl eye wash*	L18GS34G
Cubicle Showers	
Multi nozzle cubicle shower with detergent inducer and hose brush*	SD31K45G
Cubicle shower with closed bowl ABS eye wash*	SD32K45G

SD32K45G

Cubicle shower with closed bowl eye wash
Shown with optional waste water pump



Outdoor Safety Showers: for Cold Climates

Designed to suit the challenges of cold climates and locations, the outdoor tank fed and mains fed models comply to the ANSI standard.

Immersion heated or trace tape heated safety showers prevent water within the pipework freezing when ambient temperatures plummet. Select from wall or floor mounted drench showers, or combination showers featuring an eye/face wash.

See pages 16-17 for safety showers to suit hot climates.



- All models provide 76 liters per minute (20 GPM) flow rate from the shower, and 12 liters per minute (3 GPM) from an eye/face wash meeting the ANSI standard
- All pipework manufactured from corrosion resistant stainless steel
- Combination showers feature a durable, UV resistant, lidded eye/face wash to protect the bowl and diffusers from external contaminants
- Immersion heating, or trace tape heating, protects water within the pipework against the risk of freezing
- Read more about tank fed safety showers on pages 8-9

Description	SKU
For cold climates	
Trace tape heated shower*	H5GS-1H
Wall mounted trace tape heated shower*	H2GS-1H
Trace tape heated shower with lidded eye wash*	H5G(S)45G
Temperature controlled shower with lidded ABS eye wash*	TC100KS45G
Immersion heated 2000 liter tank fed shower*	MH14KS2000
Immersion heated 2000 liter polar tank fed shower with insulated cubicle and doors*	MH14KS2000P
Immersion heated 1200 liter tank fed shower*	MH14KS1200
Immersion heated 2000 liter polar tank fed shower with insulated cubicle and doors*	MH14KS1200P

⚠️ *WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



MH14KS1200P

Polar tank shower for extreme cold climates, featuring an insulated cubicle with doors



H5GS45G

Trace tape heated shower with lidded eye wash
Shown with optional foot treadle



Trace tape heated safety showers

Designed to suit the challenges of cold climates, these showers prevent water within the pipework freezing, rendering the equipment inoperable.

When deciding which outdoor model to choose, the ambient temperature of the location must be considered. Trace tape heated models will operate in ambient temperatures down to -20C (-4F).

For extreme cold climates, the polar tank shower features a double skinned fibreglass insulated cubicle with doors. For maximum protection an optional space heater is available to maintain the temperature of the internal cubicle, even when temperatures drop to -40C (-40F).



H2GS-1H

Where space is at a premium, the wall mounted trace tape heated safety shower is ideal.



TC100KS45G

Suitable for outdoor, or indoor, use in ambient operating temperatures down to -25C (-13F).

The integral heated water tank remains on standby to deliver 15 minutes of water within the tepid range. This model can be used in areas classified as hazardous or non-hazardous.

See page 9 for more information on immersion heated tank fed showers

Outdoor Safety Showers: for Hot Climates

In extreme hot conditions the intensity of the sun can heat standing water left in the pipework, or tank, of a safety shower following activation to alarming levels, resulting in a high risk of shock and scalding to a casualty.

This range of safety showers tackles the challenges of high ambient temperatures. With self-draining or jacketed and insulated showers, the effects of solar radiation are diminished.

For more information on chillers for tank fed showers visit pages 10-11.



- All models provide 76 liters per minute (20 GPM) flow rate from the shower, and 12 liters per minute (3 GPM) from an eye/face wash for 15 minutes to ensure a thorough decontamination
- Perfect in locations experiencing ambient temperatures of up to 55C (131F)
- Choice of simple drench showers, or combination models featuring an eye/face wash and/or body spray
- Meets ANSI requirements
- Suitable for both hazardous and non-hazardous environments

Description	SKU - (S) denotes stainless steel model
For hot climates	
Self-draining drench shower*	SD18G(S)
Self-draining shower with open bowl stainless steel eye wash*	SD18G(S)85G
Self-draining shower with open bowl ABS eye wash*	SD18G(S)75G
Jacketed and insulated shower with lidded ABS eye wash*	J5GS45G
Jacketed and insulated safety shower*	J5GS
Jacketed and insulated 2000 liter tank fed shower*, with chiller (see p.4)	J14KS2000
Jacketed and insulated 1200 liter tank fed shower*, with chiller (see p.4)	J14KS1200

⚠️ *WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

» What is a self-draining shower?

After use, or following a weekly activation, the standpipe of a self-draining shower drains when the valve is closed to prevent stagnant water overheating due to solar radiation, removing the risk of scalding when next used.

The valve is situated directly above the water inlet; the bleed pipe is then fitted above this so standing water can drain to ground. This design allows the shower to be used in temperatures up to 55C (131F), with the addition of a scald protection valve.

» Protect pipework against solar radiation

The jacketed and insulated safety showers are pre-insulated with polyurethane foam surrounded by a polyethylene impact resistant outer casing to protect the water within the pipework from the effects of direct sunlight.



SD18GS85G
Self-draining shower with stainless steel eye wash
Shown with optional foot treadle



J5GS
Jacketed and insulated floor mounted shower



Learn more about the chiller options available for tank showers on pages 10-11

Mobile and Portable Safety Showers

Ideal for stand-by use in hazardous environments where no constant water supply is available, or when existing safety showers are undergoing maintenance.

Allowing flexibility of location and rapid response, wherever the location. The mobile units can act as a secondary safety measure to supplement permanent units - and are particularly useful if the site of the hazard moves as a project progresses, such as the shifting demands of a construction site.



- Suitable for hazardous and non-hazardous environments
- Simple shower activation using the hand lever, while the eye/face wash activates when the lid is lifted
- The mobile, self-contained safety showers are also available to hire on a short or long term basis
- Optional insulated or heated jackets are retrofittable to suit the changing seasons
- The portable 16-nozzle PPE decontamination shower is deployed in less than 2 minutes!

114L (30 US gallon) Mobile self-contained safety shower

An essential addition to sites where a stationary safety shower and eye wash is unsuitable. The large puncture proof tyres aid mobility, making it easy to manoeuvre by one person.

- 114 liter capacity provides a constant flow of water for over 1½ minutes
- Removable heated or insulated jacket available to protect the unit from the effects of frost and solar radiation
- Features a durable ABS closed bowl eye wash to protect the diffusers from airborne contaminants

J40K45G

Mobile safety shower with lidded ABS eye wash and removable insulated jacket



40K45G

Mobile safety shower with lidded ABS eye wash



MHW2000-1

2000L (528 US gallon) Immersion heated mobile self-contained safety shower

Whatever the location, employees at risk of exposure to hazardous substances must be within 10 seconds reach of this safety equipment. This immersion heated safety shower with eye wash offers freedom of location, being easily transported being a suitable vehicle using the towing hitch provided.

- 2000 liter capacity delivers 76 liters (20 GPM) of water per minute for 15 minutes, meeting ANSI standards
- Features a durable ABS closed bowl eye wash to protect the diffusers from dust and debris
- Optional insulated jacket available

Description	SKU
Mobile and self-contained: AVAILABLE TO HIRE	
114L mobile self-contained shower with lidded ABS eye wash*	40K45G
114L mobile self-contained shower with lidded ABS eye wash and removable insulated jacket*	J40K45G
114L mobile self-contained shower with lidded ABS eye wash and removable heated jacket*	H40K45G
2000L mobile self-contained shower with lidded ABS eye wash*	MHW2000-1
Portable Decontamination	
Multi nozzle portable PPE decontamination shower	PORTA 300-16E

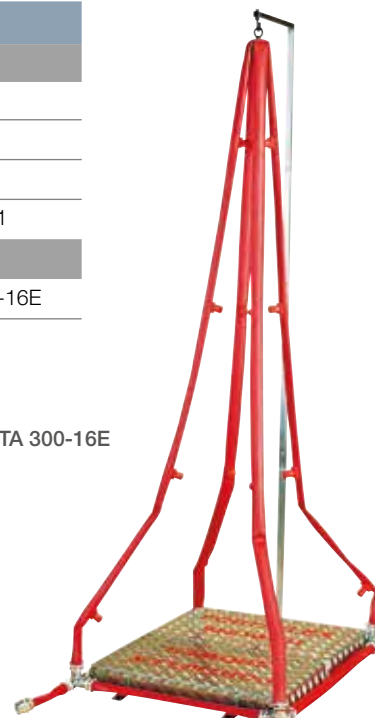
⚠️ *WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Multi nozzle portable PPE decontamination shower

In emergency response situations fast deployment of decontamination equipment is a priority. Ideal for first responders, this lightweight and robust shower can be deployed in less than 2 minutes.

- Hoses become rigid under water pressure, adopting a curved form to give a full body 360° PPE decontamination via the 16 nozzles
- Rugged carry case duals as an effective non-slip base platform

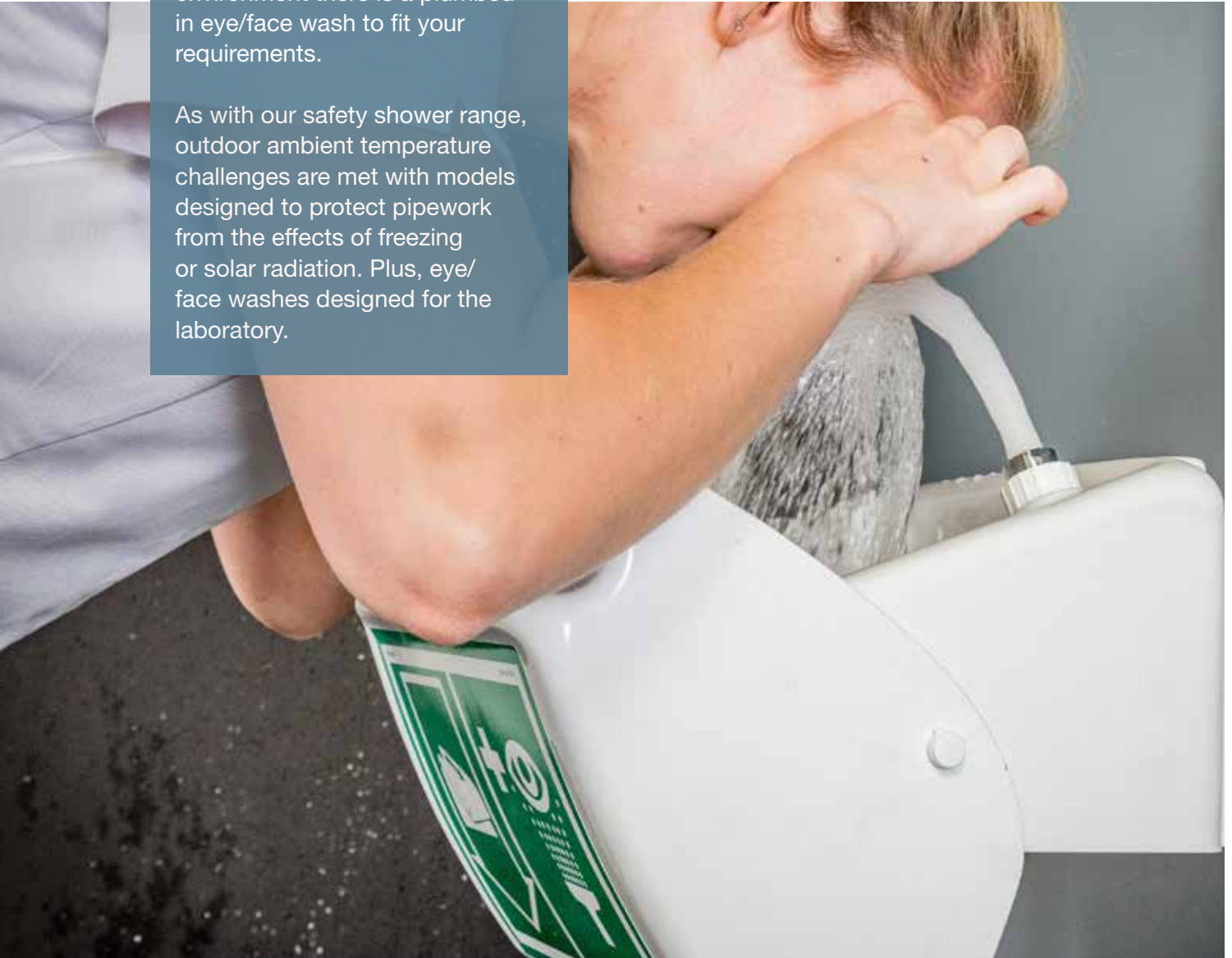
PORTA 300-16E



Eye/Face Washes: Plumbed-in

Wall, table, pedestal or bench mounted, whatever the environment there is a plumbed-in eye/face wash to fit your requirements.

As with our safety shower range, outdoor ambient temperature challenges are met with models designed to protect pipework from the effects of freezing or solar radiation. Plus, eye/face washes designed for the laboratory.



- ANSI compliant flow rate of 12 liters per minute (3 GPM) for over 15 minutes
- Quick and simple activation methods, with the option of hands-free operation via a foot treadle
- Reliable, potable water supply with an operating pressure of 2 to 6 bar is required. Higher supply pressures can be accommodated with an optional pressure reducing valve
- For the laboratory environment, powder coated stainless-steel eye washes are corrosion resistant and easy to clean



45G



75G



LAB-85GS



Opt500

Opt200

Description	SKU - (S) denotes stainless steel model
Plumbed-in: Indoor	
Wall mounted ABS closed bowl eye wash*	45G
Wall mounted ABS open bowl eye wash*	75G
Wall mounted stainless steel open bowl eye wash*	85G
Pedestal mounted ABS closed bowl eye wash*	45G(S)P
Pedestal mounted ABS open bowl eye wash*	75G(S)P
Pedestal mounted stainless steel open bowl eye wash*	85G(S)P
Single nozzle wall mounted eye, face and body shower	Opt100
Single nozzle table mounted eye, face and body shower	Opt200
Double nozzle wall mounted eye, face and body shower	Opt500
Double nozzle table mounted eye, face and body shower	Opt600
Laboratory	
Wall mounted powder coated stainless steel eye wash*	L85GS
Table mounted powder coated stainless steel eye wash*	L85GST
Pedestal mounted powder coated stainless steel eye wash*	L85GSP
Plumbed-in: Outdoor for cold climates	
Trace tape heated, pedestal mounted closed bowl eye wash*	H45G(S)P-1H
Plumbed-in: Outdoor for hot climates	
Jacketed, pedestal mounted closed bowl eye wash*	J45G(S)P

⚠️ *WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

» Know your activation methods!

Employees must be made aware of the location of safety showers and eye/face washes. In addition, training must be provided as to how to activate and use the equipment.

There are numerous activation methods across the range of plumbed-in and self-contained eyewashes which may differ from other models that have been used previously. To avoid any delay in treatment when required, ensure all employees understand how to use the eye washes on site.

- Pull down lid or manifold
- Lift lid up
- Pull down lever
- Lock on actuating button
- Push plate
- Foot treadle



L85GSP

Pedestal mounted eye wash with powder coated stainless steel pipework, ideal for the laboratory environment



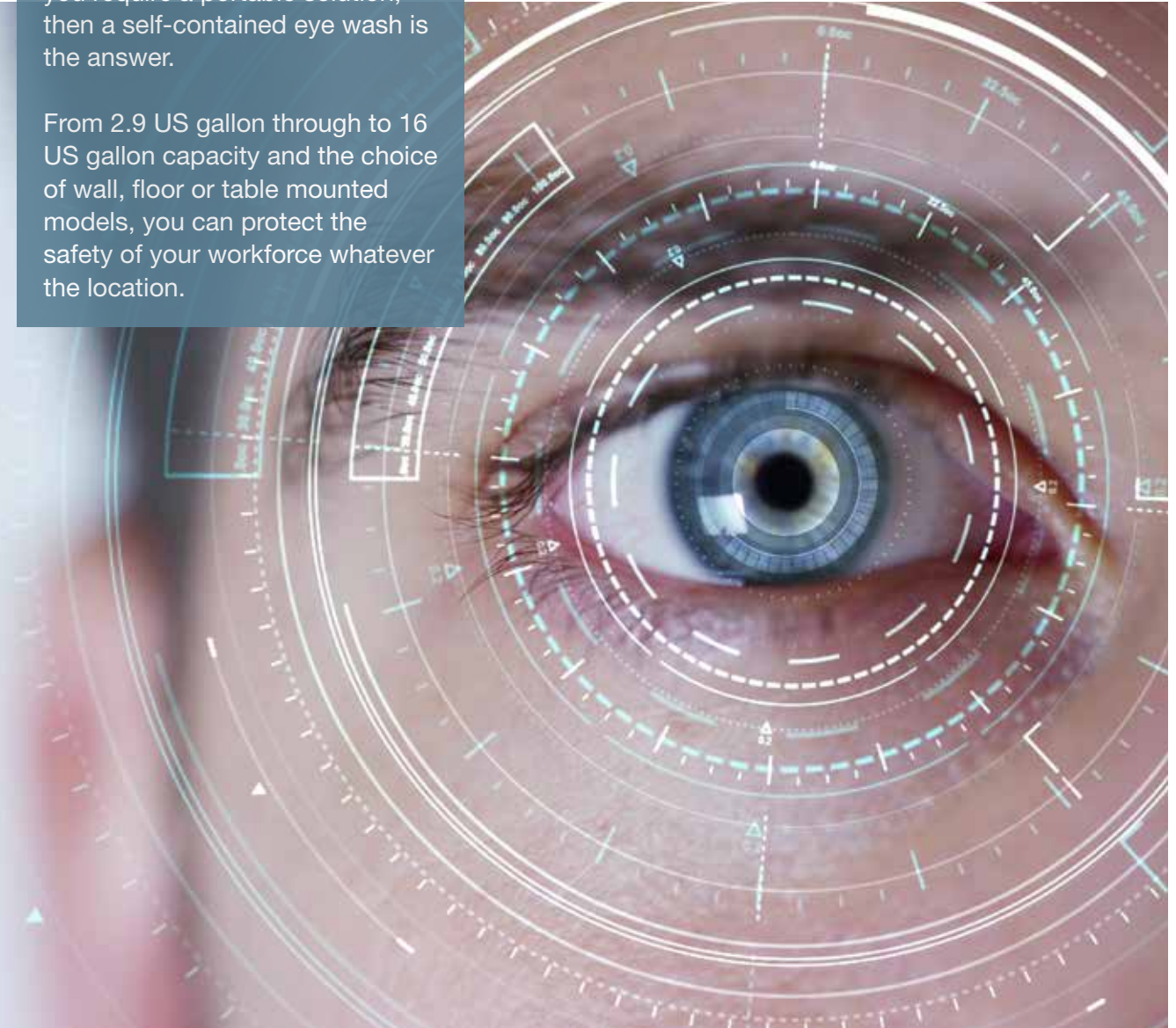
H45GSP-1H

Trace tape heated pedestal mounted eye wash, for use in temperatures down to -20C

Eye Washes: Self-contained

Where a fixed eye wash installation is not possible, or if you require a portable solution, then a self-contained eye wash is the answer.

From 2.9 US gallon through to 16 US gallon capacity and the choice of wall, floor or table mounted models, you can protect the safety of your workforce whatever the location.



- 10 US gallon and 16 US gallon capacity models provide an ANSI compliant flow rate of 1.5 liters per minute (0.4 GPM) of potable water for 15 minutes
- Suitable for indoor use, or outdoors with the addition of an optional insulated or heated jacket
- Quick and simple activation methods
- Pressurised cylinder models are perfect as a secondary safety measure to supplement fixed installation eye wash units



OptiWash®

**Wall mounted self-contained gravity fed eye wash
- 10 US gallon**

- Slimline 10 US gallon capacity delivers a controlled flow of a minimum 1.5 liters per minute (0.4 GPM) of water for 15 minutes meeting ANSI requirements
- Delivery manifold drains unused water, reducing the risk of stagnant water becoming trapped
- Removable insulated or heated jacket available to protect the unit from the effects of frost and solar radiation



Wide opening for ease of filling



Optional insulated or heated jackets*



16GFEW

**Portable self-contained gravity fed eye wash
- 16 US gallon**

- Substantial 16 US gallon capacity delivers a controlled flow of water at a minimum 1.5 liters per minute (0.4 GPM) for 15 minutes, meeting ANSI requirements
- Carrying handles and concealed mounting bracket make moving and relocating easy.
- Suitable for indoor use, and with the addition of an optional insulated or heated jacket, can also be installed outdoors



Optional heated or insulated jacket*



Water preservative

Help prevent bacteria growth and prolong water quality within the OptiWash and 16GFEW. One 236ml bottle preserves 15-76 liters (4-20 US gallons) of water for up to 120 days.

Description	SKU
Self-contained and Portable	
10 US gallon self-contained gravity fed eye wash - wall mounted	OptiWash®
16 US gallon self-contained gravity fed eye wash - table or wall mounted	16GFEW
2.9 US gallon portable self-contained unit with handheld eye wash	28GEW
3.9 US gallon portable self-contained eye, face and body wash	38GEW
15 US gallon portable self-contained eye wash*	15GEW

*WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

28GEW

Portable 2.9 US gallon water cylinder with a handheld eye bath diffuser on a flexible hose for ease of use.

Provides a gentle flow of water for two minutes.



38GEW

For effective decontamination of the eyes and face, as well as direct parts of the body using the handheld eye, face and body shower on a flexible hose. Trigger activated for fast deployment.

The 3.9 US gallon pressurized cylinder provides six liters per minute (1.6 GPM) of potable water for two minutes.

15GEW

The push plate activation on this 15 US gallon portable self-contained eye wash releases the protective dust covers from the diffusers to deliver 1.5 liters per minute of water (0.4 GPM) for up to 15 minutes.

An optional handheld eye, face and body showers can be fitted to the unit for use on body parts subjected to minor contamination





Engineered Solutions – custom made products to meet your exact needs

Whatever the demands of your industry or environment, we can custom create safety shower and eye/face wash products to fit your exact requirements – thanks to the design and engineering excellence of our experts who are leaders in their fields.

To achieve this, we bring together our vast pool of knowledge and industry expertise. Through innovation and collaboration with our customers, we deliver the most effective solutions, whatever the requirement, wherever the project.

As part of the Justrite Safety Group, we have access to an extensive line of industrial safety products including safety cabinets, safety cans, secondary spill containment (spill pallets, bunds), and outdoor chemical storage buildings.

Our services include:

- Project planning – using a dedicated team of mechanical and electrical engineers
- Customised engineering and design using SolidWorks® CAD software
- Site surveys and risk assessments
- Third party certification, inspection and testing to all relevant standards
- The complete package – design, manufacturing, and extended warranties

AUDIO ALARM

GREEN LIGHT

LEVEL INDICATOR

BOWSER INLET PIPE EXTENSION

LEVEL SWITCH

SIGN AND LIGHT BOX

154.5

1" NPT DRAIN
3/4" NPT INLET PIPE

TEMPERATURE INDICATOR

2" CAMLOCK W/ FEMALE CAP

POWER J BOX

MAIN DISCONNECT

STRIP CURTAIN

55.6

Ø.75 TYP. 4X FOR 5/8" ANCHOR BOLTS (NOT SUPPLIED)

48.7

INSIDE LIGHT

SHOWER ROSE

25K EYEWASH

SECTION A-A

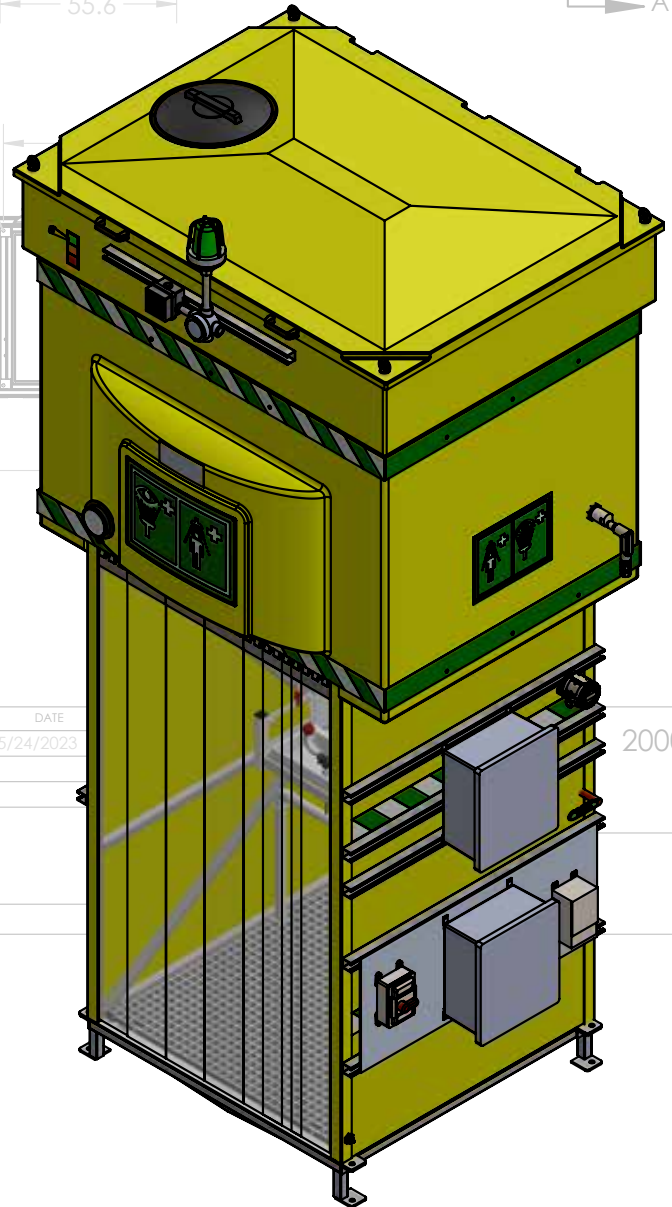


	NAME	DATE
DRAWN:	PK	5/24/2023
CHECKED:		
MATERIAL:		

2000 LITER IN

MH14KS2000

Immersion heated tank shower customised with yellow GRP panels, strip screens, sump, dual temperature switch, green light, waist level bowser inlet and upgrade to 600V/3 phase.





For complete peace of mind,
book a free site survey with
a Hughes specialist



Purchasing safety products can be a daunting and challenging task, particularly if your site or project requirements are unique. Luckily, when you partner with Hughes you have access to technical problem solvers and trusted advisors.

Take advantage of a free site survey conducted by a Hughes safety shower and eye wash expert. If you already have safety showers and eye/face washes on site they can ensure you have the most suitable equipment, in the right location, and functioning as per ANSI guidelines. If you are yet to install safety showers at your facility, they will recommend the right solution specific to the demands of your industry or environment.

What to expect during the site survey

Your dedicated Hughes specialist will complete a high level overview, including a 25 point inspection, of your existing safety showers and eye washes following ANSI Z358.1-2014 guidelines, as well as national plumbing codes and OSHA regulations.

The survey is completely free of charge and on average we can cover around 50 showers per 8-hour day.

Upon completion of the survey you will receive a roadmap outlining any issues, and advice on how to achieve 100% compliance.

Common issues raised following a site survey:

- Missing dust covers
- Inlet ball valve with no locking mechanism
- Low pressure
- Non tepid water
- Incorrect distance to shower
- Obstacles blocking emergency equipment
- Non-compliant spray patterns

Book your site survey today:

T: (1) 866-312-1652

E: customer.service@hughes-safety.com



OIL HIRE FROM
HUGHES
HUGHES-SAFETY.COM



You're in safe hands with Hughes

Hughes products are built to last, yet there are some components that should be replaced regularly to maintain good working order. Perhaps an item has suffered accidental damage and you require a replacement.

Whatever the reason, as the manufacturer we have everything you need to keep your equipment in great condition and operating effectively.

Visit hughes-safety.com/spare-parts or call us to purchase spare parts for your equipment. A model reference, order number or photograph is really useful to help us determine the compatible items you require.

Or, stock up on frequently used items such as eye/face wash diffusers which should be replaced every 6 months for hygienic operation and to ensure correct functionality to comply with ANSI standards.

If your safety shower is out of action due to accidental damage then we can offer a temporary unit for rental. Convenient and affordable, our hire option allows

companies to remain compliant for a monthly fee. Safety shower hire is also ideal for short-term needs, and to meet compliance while waiting for funding or for the completion of a permanent or custom solution.



Models available for hire:

- 40K45G
114L mobile self-contained safety shower with closed bowl eye wash
- MHW2000-1
2000L immersion heated self-contained safety shower with closed bowl eye wash
- 15GEW
Portable self-contained pressurized eye wash
- HW40K
Mobile self-contained hand washing station




HUGHES®



HUGHES-SAFETY.COM

Justrite Safety Group



Hughes are supported by a global network of distributors who are able to supply our range of premium quality products worldwide.

To find your nearest distributor, visit:
[hughes-safety.com/where-to-buy](https://www.hughes-safety.com/where-to-buy)

If we don't yet have a distributor in your area, simply contact us directly to receive further information or a quotation.

Start with the EssentialSM

Hughes Safety Showers is a portfolio company of Justrite Safety Group[®].



Justrite Safety Group offers industrial safety solutions and expert advice from our portfolio companies around the world.

We cover every facet of the industrial safety landscape—from the storage, containments and clean-up of hazardous materials to motion safety and emergency showers.

Whatever your needs, we can help you build the foundation of a safe, productive workplace.



HEAD OFFICE

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customer.service@hughes-safety.com

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hughes-safety.com/where-to-buy