

Frost Protected Safety Showers for Rapid Decontamination in Cold Climates



HUGHES®



HUGHES-SAFETY.COM

Justrite Safety Group

To avoid costly fines and protect worker safety, OSHA requires the provision of safety showers where employees are exposed to injurious corrosive hazards.

In ambient temperatures down to -13F, frost protected emergency safety showers from Hughes are designed for rapid decontamination in the event of an accidental chemical spillage to prevent serious injury, permanent disability or loss of life.

Why Choose a Hughes Frost Protected Safety Shower?

The first line of defense in the event of a chemical splash or spillage, our frost protected safety showers are trace-tape heated and insulated for use in ambient climates down to -13F (-25C).

DESIGNED FOR COMPLIANCE



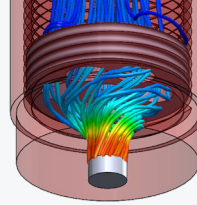
OSHA Requirements

Supports the demands of the Occupational Safety and Health Administration (OSHA) for complete peace of mind.



International Standards

Designed and manufactured to meet the globally recognized ANSI Z358.1-2014 standard for the safe and effective use of safety showers and eye wash equipment.



High-performance Shower Nozzle

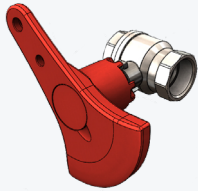
The swirler plate's four angled openings create a controlled spin, while a central hole regulates velocity and flow, producing an ANSI-compliant spray pattern and flow rate.



ISO Safety Signage

All safety showers are supplied with highly visible, universal safety signage conforming to ISO 7010.

DURABILITY



316L Stainless Steel Valve

Corrosion resistant operating valve withstands the harshest environments. Double stop plate reduces applied force on activation to improve longevity.



Impact and UV Resistant

Trace-tape heating and polyurethane foam insulation are protected from the elements with a medium density polyethylene impact and UV resistant outer casing.



Corrosion Resistance

Eye/face wash constructed of corrosion-resistant ABS ensuring durability, chemical resistance, and reliable performance in all environments.



Audited to ISO 9001

With over 55 years of expertise, and all processes audited to ISO standards, our showers boast a 20 year lifespan when regularly serviced and maintained.

PRODUCTIVITY AND EASE OF USE



Simple to Operate

Quick and simple to use in an emergency - easy grip, pull rod shower activation and pull down lid for eye/face wash operation. Hands-free activation available upon request.



Fast Activation

The stay-open control valve goes from 'on' to 'off' in 1 second or less to deliver a deluge of water as quickly as possible in the event of an emergency.



Flow Regulator Valve

Eye/face washes feature adjustable flow regulator valves to provide a comfortable aerated flow of water to the casualty and to prevent further damage to the eyes.



Economical Shipment

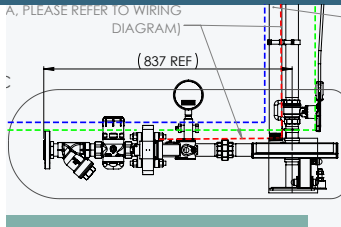
Manufactured in a 2-piece design suitable for small parcel shipment to reduce costs. The showers are designed for quick and easy assembly once on site.

VERSATILITY



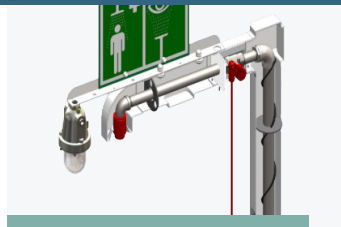
Wide Range

Floor or wall mounted, stainless steel or galvanized pipework, 120V or 240V - Hughes offers a range of frost protected safety showers to suit your site requirements.



Customization

From freeze protection valves to audio/visual alarms, customize your equipment to suit site requirements and to improve worker safety and product functionality.



Self-regulating Heat Trace

Self regulating, energy-efficient trace tape heating ensures maximum pipe coverage to prevent freezing and adjusts heat output in response to ambient temperature changes.



Pipework Material Choices

Schedule 40 standard pipework available in galvanized or stainless steel for use in high pressure, high temperature applications, particularly in the chemical, petrochemical and oil and gas industries.

What to Consider When Choosing a Safety Shower

Do I need a safety shower for my site?

A site risk assessment should be conducted to identify where workers may be exposed to harmful substances. This will help determine the need for safety showers based on the potential risks.

Consult relevant standards and regulations - OSHA requires safety showers in areas where injurious corrosive materials are present.

What types of compliance should I look for in a safety shower?

Our safety showers are designed to meet or exceed regulatory requirements:

- Supports OSHA requirements
- Meets the ANSI Z358.1-2014 standard
- Tested and approved by UL

What factors should I consider when selecting a safety shower?

- What is the ambient temperature of the location? Is there the risk of freezing or overheating?
- Is there a potable and reliable water supply with adequate pressure?
- Is there sufficient drainage?

Once these items are addressed, a decision can be made on whether to select a heated or unheated model, a plumbed-in or self-contained unit, and if optional accessories such as pressure reducing valves are required.

What features should I look for when choosing a safety shower or eye/face wash?

- Stainless steel operating valve for longevity
- Adjustable flow regulator valve and adjustable diffusers for a comfortable flow of water from an eye wash
- ANSI compliant flow rates and spray patterns for a thorough decontamination

Does trace tape heating provide warm water to safety showers?

No, the trace tape heating does not heat the water - it is designed, along with the insulation, to prevent the water in the pipework from freezing in cold conditions. This ensures the shower remains operational in temperatures down to -13F (-25C). The water temperature is dependent upon the supply source, not the trace tape heating.

Our site is considered a hazardous area - are the trace tape heated safety showers suitable for these environments?

Safety showers from Hughes, where applicable, can be configured for use in Class 1, Division 1 or Division 2 hazardous areas, depending upon the specification. They are also available in both 120V or 240V options to suit site requirements.

Where Our Safety Equipment Is Needed

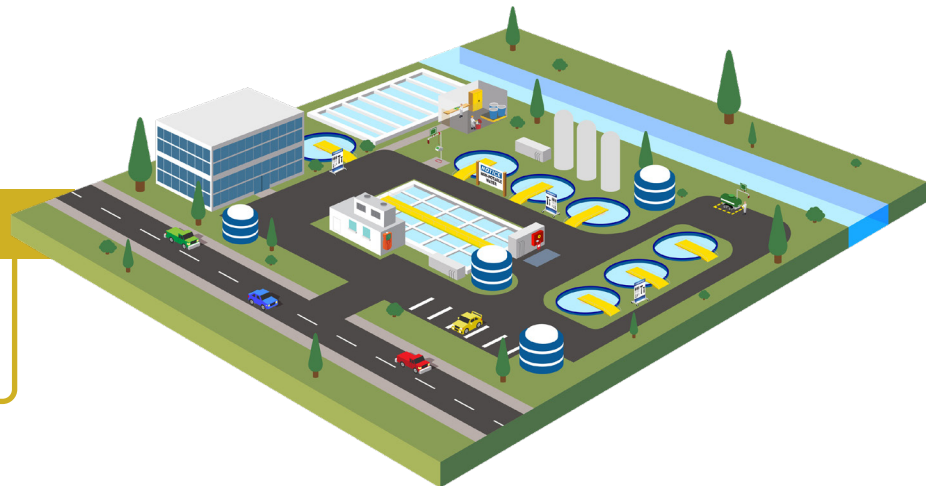
Frost protected safety showers are suitable for use in environments susceptible to low temperatures, the trace tape heating and insulation protects the pipework from freezing in temperatures down to -13F (-25C).

It is recommended they are placed within 10 seconds reach and on the same level as a potential hazard to allow a fast response in the event of an accidental chemical spill.



PETROCHEMICAL

Robust safety management strategies are essential to protect the 2 million workers in the petrochemical industry worldwide.



UTILITIES

Chemical spills and release are significant risks, often resulting from equipment failure or human error.



DELIVERY YARD / WAREHOUSE

The provision of safety showers and eye washes enable a fast response to accidental chemical spillages when every second counts.

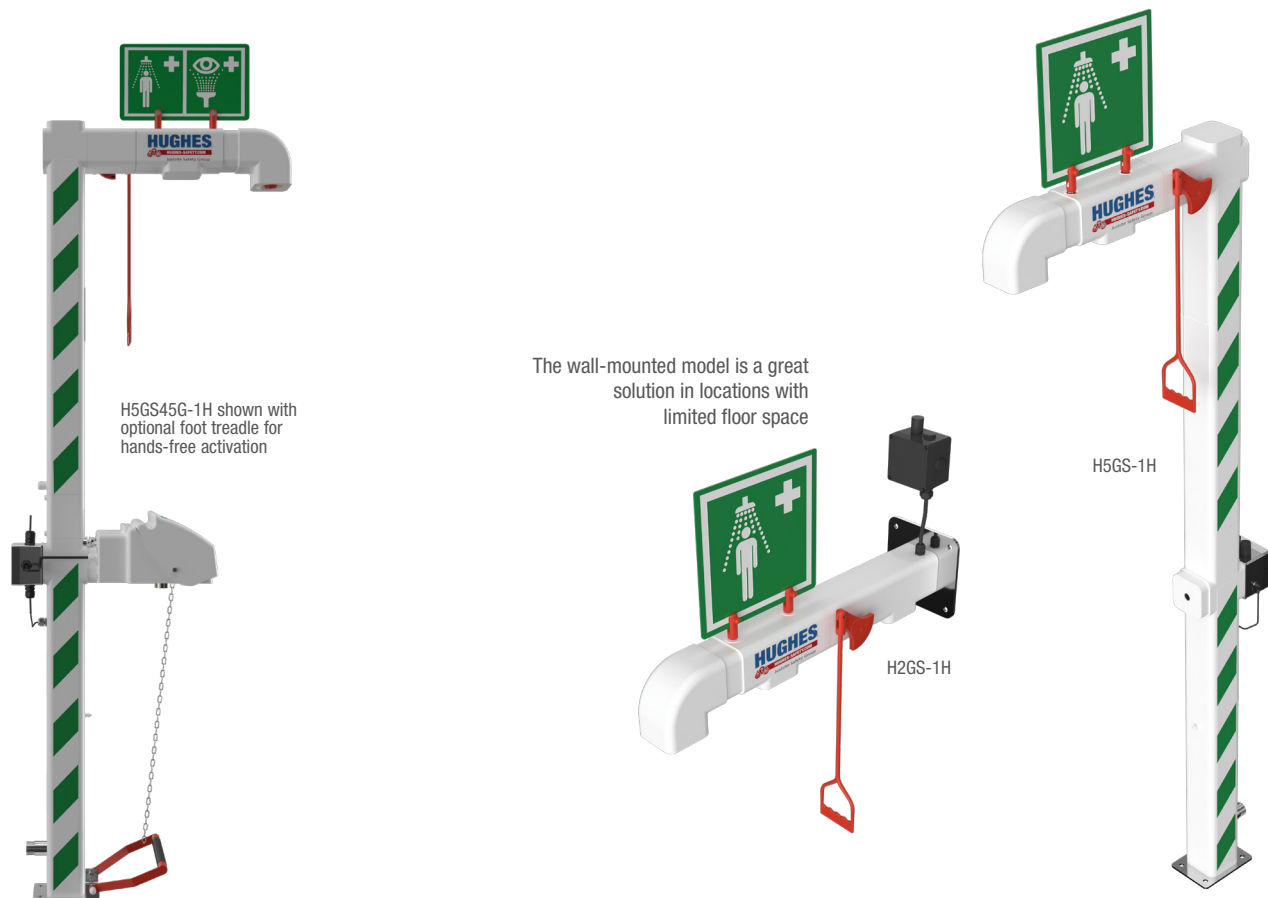
Hughes safety showers and eye/face washes are required in most industries, please speak with your sales representative to discuss how we can help protect the safety of your workforce.

Trace-tape Heated and Insulated Safety Shower Models

Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Galvanized Steel	Model Stainless Steel	CA Prop 65
Drench shower, wall mount, hazardous 120V, 60/50Hz	38.1 x 10 x 36.4 in 969 x 254 x 924 mm	1 in (F)	29/2	20/76	AN, ENS	H2G-1H	H2GS-1H	⚠
Drench shower, floor mount, hazardous 120V, 60/50Hz	104.5 x 8.4 x 35.2 in 2654 x 214 x 894 mm	1-1/4 in (M)				H5G-1H	H5GS-1H	⚠
Combination shower, closed ABS bowl, floor mount, hazardous 120V, 60/50Hz	104.5 x 14.7 x 35.2 in 2654 x 375 x 894 mm	1-1/4 in (M)		20/76 (shower) 3/11.4 (eye/face)		H5G45G-1H	H5GS45G-1H	⚠
Drench shower, wall mount, hazardous 240V, 60/50Hz	38.1 x 10 x 36.4 in 969 x 254 x 924 mm	1 in (F)		20/76		H2G-2H	H2GS-2H	⚠
Drench shower, floor mount, hazardous 2400V, 60/50Hz	104.5 x 8.4 x 35.2 in 2654 x 214 x 894 mm	1-1/4 in (M)				H5G-2H	H5GS-2H	⚠
Combination shower, closed ABS bowl, floor mount, hazardous 240V, 60/50Hz	104.5 x 14.7 x 35.2 in 2654 x 375 x 894 mm	1-1/4 in (M)		20/76 (shower) 3/11.4 (eye/face)		H5G45G-2H	H5GS45G-2H	⚠

* Dimensions include the shower-mounted universal sign. Approximate height of sign is 12-in (305-mm). Some assembly may be required.

⚠ 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



1.



2.



Need a heated solution for even colder climates? Try these products

1. Modular polar safety shower within insulated cubicle
SCPOLAR
2. 2000L polar tank fed safety shower with doors
MH14KS2000P

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As a leader in safety, the Justrite Safety Group family includes these safety brands:

