



Khalil Limited
Engineering and Commercial Co.
Firefighting, Rescue & Safety

Emergency safety shower and eyewash

The first 10 to 15 seconds after exposure to a hazardous substance, especially a corrosive substance, are critical. Delaying treatment, even for a few seconds, may cause serious injury.

Emergency showers and eyewash stations provide on-the-spot decontamination. They allow workers to flush away hazardous substances that can cause injury.

Accidental chemical exposures can still occur even with good engineering controls and safety precautions. As a result, it is essential to look beyond the use of goggles, face shields, and procedures for using personal protective equipment. Emergency showers and eyewash stations are a necessary backup to minimize the effects of accidental exposure to chemicals.

Emergency showers can also be used effectively in extinguishing clothing fires or for flushing contaminants off clothing.



Our Emergency Shower and Eyewash are designed according to EN 15154-1:2006 EN 15154-2:2006 DIN 12899-3:2009 ANSI Z358-1:2014

ردیف	شرح مورد آزمایش	نتیجه
1	درجه حرارت آب	بین 10 تا 40 درجه سانتیگراد
2	تولید آب	حداقل 30 لیتر در دقیقه
3	تولید بخار	حداقل 30 لیتر در دقیقه
4	تولید مه	حداقل 30 لیتر در دقیقه
5	تولید برف	حداقل 30 لیتر در دقیقه
6	تولید یخ	حداقل 30 لیتر در دقیقه
7	تولید برف و یخ	حداقل 30 لیتر در دقیقه
8	تولید برف و یخ و مه	حداقل 30 لیتر در دقیقه
9	تولید برف و یخ و بخار	حداقل 30 لیتر در دقیقه
10	تولید برف و یخ و بخار و مه	حداقل 30 لیتر در دقیقه

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6	تولید یخ	حداقل 30 لیتر در دقیقه
7	تولید برف و یخ	حداقل 30 لیتر در دقیقه
8	تولید برف و یخ و مه	حداقل 30 لیتر در دقیقه
9	تولید برف و یخ و بخار	حداقل 30 لیتر در دقیقه
10	تولید برف و یخ و بخار و مه	حداقل 30 لیتر در دقیقه

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10	تولید برف و یخ و بخار و مه	حداقل 30 لیتر در دقیقه

*Above test results can be provided upon request

EMERGENCY SAFETY SHOWER

Safety Showers Produced by Khalil Engineering & Commercial Company are carefully designed for precision and sturdiness and are based on European and American Standards. There are two designs for two shower models for use in various corrosion and ambient conditions.



SAFETY SHOWER KMSS01

SELF DRAIN SHOWER KMSS02

SPECIFICATION

- Designed for Precision and sturdiness for use in Industrial sites and Laboratories.
- Stainless Steel 316 or 304 is used for all Piping, Valves and fittings of our Standard models.
- Standard base dimension 200 X 200mm.
- Shower Head SS316 material designed to deliver adequate amount of water as per relevant standards.
- Ideal working pressure: 2-6 Bar
Test pressure: 10 Bar
- Supply water pipe 1 1/4 Inch
- 40 X 20 cm safety sign on top of the shower.
- Easy actuation by pulling the triangular handle. Platform or pedal actuation can be provided for minimum orders of 10 units.
- Shower Cabin can be provided for minimum orders of 10 units.
- For indoor use, a cost efficient unit can be provided without the vertical pipe and base stand.
- For minimum order quantity of 10 units, we can provide cabin showers with water tanks located on top. These units are used in locations where adequate amount of water is not available or where water supply pressure does not suffice to meet the standard requirements.

► Shower Model KMSS02 features automatic drainage of water in the pipes and is suitable for application in open areas where the sun radiation heats up the water in the pipes and thus the need arises for this water to be drained completely. This results in a slight delay for water to reach the top of the shower as compared to the KMSS01 model.



EMERGENCY EYE WASH

Emergency eye wash produced by Khalil Engineering & Commercial Company are carefully designed for precision and sturdiness and are based on European and American Standards. Two models are produced one with cover and the other without cover.

Units without a cover are to be used in indoor location applications which are dust free and installed at adequate distances from chemical contaminated areas.

SPECIFICATION

- Designed for precision and sturdiness for use in laboratories and industrial sites.
- Body material ABS anti UV fortified. Dimensions 350 X 350 X300mm. Eye wash equipped with anti scaling sprinklers providing gentle flow of water.
- Rubber guards around the sprinklers for ease of washing and to safeguard the eyes from accidentally hitting the sprinklers.
- Brass valves and fittings as well as food grade hoses are used.
- Automatic actuation merely by easy opening cover.
- Equipped with an adjustable and filtered uniform flow valve as well as the height of the sprinkler flow.
- Supply water pipe diameter 1/2"
- Can be installed on the emergency shower vertical piping. As an option we can also supply individually installed stand or wall mounted eye wash models.





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Khalil Engineering & Commercial Company was founded and registered in Tehran Iran the year 1988 by engineer Khalil Mehdizadeh.

From its very early years the company had the privilege of working with renowned International companies including MARLEY Cooling Towers Co, TRANE and TROX as their authorized agent as it earned recognition and respect by both its clients and principals in the field of air conditioning and cooling towers for industrial, power plants and OGP applications.

In the year 1999, Khalil Mehdizadeh started its working relationship with ROSENBAUER INTERNATIONAL AG of Austria, first as a minor partner and managing director of ROSENBAUER CHAHBAHAR FREE ZONE, and later as Rosenbauer's resident manager which resulted in Rosenbauer appointing Khalil Engineering and Commercial Company as its exclusive agent for the full range of its products (except Aerials). Khalil Company played a significant role in updating and renewal of the fire fighting vehicles and equipment of Iran's municipalities and OGP fire fighting organizations.

As of the beginning of the year 2018, Khalil and Rosenbauer terminated their working relationship due to differing interests. The end of the working relationship came in a friendly and cordial atmosphere and by mutual consent.

Khalil Engineering and Commercial Company continues its activities in the field of safety and fire fighting partnering with renowned international companies including EMPL Austria (Manufacturers of fire fighting vehicles), JOHSTADT Germany (manufacturers of fire fighting pumps etc), DELTAFIRE UK, FIRECO Italy, and MORITA Japan (Aerials).....

We continue our relentless effort to extend quality training, sales and after sales service to our esteemed clients enhancing the standards in the field of safety and fire fighting in Iran.

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