

Emergency Safety Showers

Recommended Maintenance Program

According to EN 15154 1, 2 and 5 you should test the water volume, flow rate, and spray pattern of your Emergency Shower System at least once a month. According to ANSI Z358.1 you should do it at least once a week.

FLOW RATE

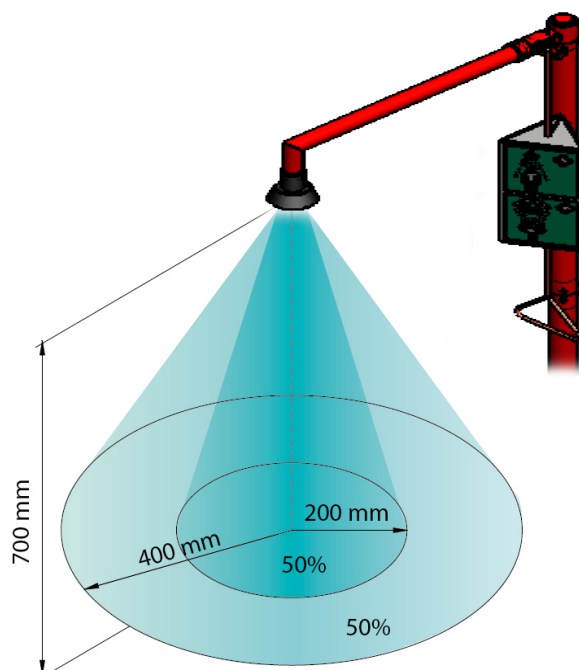
Test if the flow rate is 60 l/min for body showers and 6 l/min per shower head for eye shower. A BROEN-LAB test trolley or measuring cylinder can be used for this purpose.

WATER QUALITY

Make a visual test of the water to see, if the water is clear, and therefore in accordance with the requirement for drinking water quality or equal.

SPRAY PATTERN

The water must be distributed in a conical shape in accordance with the picture on the right. A BROEN-LAB test trolley can be used for this purpose.



To comply with EN15154 the tests needs to be documented.

MAINTENANCE

- BROEN-LAB recommends emptying the hand-held eye shower head as much as possible after using the eye shower. To do this, the handheld eye shower is held upside down when it is closed.
- To avoid limescale deposits, the outer wetted parts (shower head, rubber cap and handle if necessary) should be wiped dry with a clean cloth. Limescale deposits on the shower head and other parts can thus be greatly reduced. This can extend the service life of the shower head until it is decalcified or replaced.
- BROEN-LAB recommends to only use cleaning material which is explicitly provided for this type of application, preferably a mild, citric acid-based cleaner. We do not recommend mixing different cleaning agents. After cleaning, rinse thoroughly with clean water to remove any cleaner residue.