



- The valve for an emergency shower shall remain open without the use of the operator's hands until intentionally closed. The valve shall be simple to operate and shall go from "off" to "on" in one second or less.
- Emergency showers shall provide a flushing fluid column that is at least 82" and not more than 96" in height from the surface on which the user stands.
- Emergency showers shall be capable of delivering flushing fluid at minimum of 20gpm for a minimum of 15 minutes. The spray pattern shall have a minimum diameter of 20" at 60" above the surface on which the user stands.
- Eye/face washes shall be capable of delivering flushing fluid to the eyes and face at not less than 3gpm for 15 minutes.
- Activator shall be easy to locate and readily accessible to user.
- Eye/face washes shall provide flushing fluid to both eyes simultaneously. The flushing fluid shall cover the areas between the interior and exterior of the gauge at some point less than 8" above the eyewash nozzles (Refer to Illustration 7 in the Standard).
- Flushing spray heads shall be positioned 33 to 45 inches from floor, and a minimum of 6 inches from nearest wall or obstruction. Nozzles and flushing units shall be protected from airborne contaminants.
- The valve for an eye/face wash shall remain open without the use of the operator's hands until intentionally closed. The valve shall be simple to operate and shall go from "off" to "on" in one second or less.

## Document Purpose:

Provide key points for assisting compliance with ANSI provisions which relate to emergency equipment. The ANSI Z358.1-2014 standard establishes minimum performance and use requirements for eyewash and shower equipment for the emergency treatment of the eyes or body of a person who has been exposed to hazardous materials.

## INSTALLATION CONSIDERATIONS

EMERGENCY FIXTURES SHALL BE CONSTRUCTED OF MATERIALS THAT WILL NOT CORRODE IN THE PRESENCE OF THE FLUSHING FLUID.

EMERGENCY FIXTURES SHALL BE IN ACCESSIBLE LOCATIONS THAT REQUIRE NO MORE THAN 10 SECONDS (APPROXIMATELY 55 FEET) TO REACH.

EMERGENCY FIXTURES SHALL BE LOCATED ON THE SAME LEVEL AS THE HAZARD AND THE PATH OF TRAVEL SHALL BE FREE OF OBSTRUCTIONS.

EMPLOYEES WHO MAY BE EXPOSED TO HAZARDOUS MATERIALS SHALL BE INSTRUCTED IN THE LOCATION AND PROPER USE OF THE EMERGENCY FIXTURES.

EMERGENCY FIXTURES SHALL BE ACTIVATED ON A WEEKLY BASIS AND INSPECTED ANNUALLY TO CONFORM WITH THE REQUIREMENTS OF THE STANDARD.

EACH PART OF A COMBINATION UNIT SHALL BE CERTIFIED INDIVIDUALLY AND WHEN ACTIVATED SIMULTANEOUSLY BE IN ACCORDANCE WITH THE PROCEDURES ASSOCIATED FOR THE SPECIFIC COMPONENT.

EMERGENCY FIXTURES SHALL BE LOCATED IN AN AREA IDENTIFIED WITH A HIGHLY VISIBLE SIGN AND BE IN A WELL-LIT AREA.

A MEANS SHALL BE PROVIDED TO ENSURE THAT A CONTROLLED FLOW OF FLUSHING FLUID IS PROVIDED AT A VELOCITY LOW ENOUGH TO BE NON-INJURIOUS TO THE USER.