



Emergency Eyewash & Shower Monitoring

Are you following the new ANSI requirements?

Legal Requirements (OSHA)

The General Requirements in section 29 CFR 1910.151 states: "...where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use."

ANSI Z358.1-2009

"This standard is intended to provide uniform minimum requirements for the performance, use, installation, test procedures, maintenance and training of emergency eyewash and shower equipment."

4.6.2

"Plumbed emergency showers shall be activated weekly for a period long enough to verify operation and ensure that flushing fluid is available."

6.5.2

"Plumbed eye/face washes shall be activated weekly for a period long enough to verify operation and ensure that flushing fluid is available."



The Banner/Gems wireless solution:

- Monitors activation of individual showers
- Gives confirmation water is flowing via flow switch
- Sends the data to a PLC to log and time stamp when the system has been flushed
- Monitors water temperature in the pipes
- Can also verify proper operation of heat tape
- Robust, industrial RF transceiver runs on replaceable D-cell lithium battery
- Easy expansion as showers are moved and/or added



| Models | Description |
|---------------|--|
| Gems FS-200TC | Flow switch & thermocouple temperature probe |
| DX80N9X1S-P3E | Node, 900 MHz, FHSS 1 watt |
| DX80G9M6S-P2 | Gateway, 900 MHz, FHSS 1 watt |
| BWA-AH12106C | Enclosure, polycarbonate |
| PSDINM-24-10 | 24 V dc power supply |



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