

AWS 4 in 1 Safety Station Monitoring System:

Safety showers and eyewash stations provide first-line emergency treatment for employees that have come in contact with hazardous materials. In the event of exposure, thorough flushing of the chemical within the first 10 to 15 seconds of contact will usually prevent serious injury. Proper location of safety stations and ensuring operational readiness are critical elements of the facility safety program.

When an employee has triggered the use of a safety-shower or eye-wash station, that employee will be in need of assistance for further treatment. Rapid response is often critical in mitigating effects of exposure.

The AWS Safety Station Monitor is a self-powered sensing and wireless communication system that continuously verifies operational readiness of the safety station to operate if called upon in an emergency. The radio module provides remote alarm signals when an eyewash or shower is activated, alerting emergency response personnel that an employee has been exposed to potentially serious injury. The 4 in 1 has sensors to measure water supply pressure and temperature and additional sensors to detect if either the shower or eyewash element is operated. The sensors are powered by the same battery that runs the radio module and can be readily retrofit to existing safety stations even if no power or signal wiring infrastructure exists.



Detail of Wireless Monitor including:

- Eyewash switch
- Shower switch
- Temperature sensor
- Pressure sensor

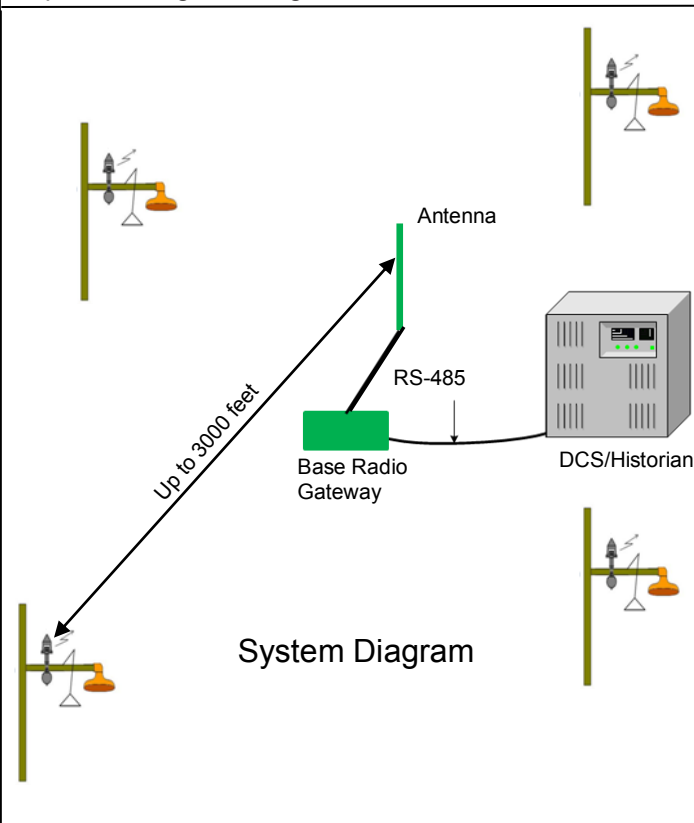


Typical Shower and Eyewash Safety Station



Base Radio Gateway

in field mount enclosure with integral antenna.



AWS Safety Station monitoring system includes a gateway that communicates with the station monitoring units and delivers data to a host with data logging and alarm functions. The host can be part of existing system or a standalone computer.

AWS Safety Station Monitoring System:

- Cost effective** – no wired infrastructure required for power or communication
- Independent**—Self-powered multi-sensor unit(s) mounted on safety station(s)
- Compatible**—Base radio gateway at central monitoring location works with existing systems
- Ensures Operational Readiness**—24 / 7 data logging of system readiness – alarm notice of non-conformance
- Emergency Alarm**—to first responder upon unplanned activation
- Continuous**—Automatic logging of planned tests and flush maintenance for safety reports
- Robust**—designed for harsh industrial environments
- Hazardous Area Rated**—Class 1 Div. 1 qualified.