

YOUR INDUSTRY...THEIR SAFETY...



OUR SOLUTIONS.

OIL & GAS: EXCEEDING  
THE SAFETY STANDARD

**Haws**  
*Integrated*<sup>™</sup>

ENGINEERED SOLUTIONS® FOR SAFETY

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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## OIL & GAS :: EXCEEDING THE SAFETY STANDARD

Constant exposure to hazardous materials, high temperatures and heavy equipment combine to make the oil and gas industry a volatile workplace with the potential for significant physical injuries. Safety standards, technological advancements and best practices, including ongoing maintenance and compliance, must all be top priorities.

### CONDITION-SPECIFIC SAFETY CONSIDERATIONS

Site-specific conditions driving unique safety requirements in the oil and gas industry include:

- Chemical hazards: exposure to toxic, corrosive and irritant substances such as benzene, toluene and xylene
- Physical hazards: exposure to noise, extreme pressure, heavy equipment, thermal extremes, radiation and seismic activity
- Environmental compliance, on-site infrastructure and logistics

OSHA requires employers to provide and maintain safe and healthful workplaces for employees. To avoid safety violations, it is imperative that employers and employees alike follow all safety procedures listed in the American National Standards Institute (ANSI) guidelines and appropriate Material Data Safety Sheets for hazardous chemicals common to the industry.

### EXCEEDING THE SAFETY STANDARD

ANSI Z358.1 specifies minimum requirements for the performance, maintenance and training of emergency eye/face wash and shower equipment. Per this standard, "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."

#### OSHA GUIDELINES

To avoid safety violations, following all safety procedures listed in the ANSI Guidelines is imperative.

These safety codes further specify requirements that include weekly testing (Sec. 4.6.2/5.5.2) and yearly inspection (Sec. 4.6.5/5.5.5) to monitor performance of the units and repair non-compliant components. In addition, all employees exposed to hazardous material must be provided instruction and training of emergency equipment (Sec. 4.6.4/5.5.4). Common challenges experienced during the weekly and yearly monitoring include having sufficient water pressure and volume, obstruction-free access and visible signage.

#### ANSI Z358.1 STANDARD

Per this standard, "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."

### ENGINEERED SOLUTIONS FOR SAFETY

In this and every industry, our goal remains the same – keeping safety response assets in continuous compliance so everyone ends the day the way it began.

From the design stage to ongoing lifecycle services, Haws Integrated® offers compliance solutions for all conditions. Our ANSI qualified team of engineers design, build and install complete systems to merge seamlessly with existing safety monitoring equipment and operations. Our steady commitment to safety in the oil and gas industry today and every day means reliable project coordination, implementation and ongoing maintenance and compliance support.

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