



CASE STUDY

Wyoming Refinery Partners
with Haws® Services for Facility's
ANSI Z358.1 Compliance



WYOMING REFINERY PARTNERS WITH HAWS® SERVICES FOR FACILITY'S ANSI Z358.1 COMPLIANCE *Sinclair, Wyoming*

With 798 oil wells throughout the state, the state of Wyoming produces 3% of all crude oil in the U.S., ranking them 8th in the nation*. This immense amount of fuel production involves many different types of hazardous materials and equipment. Identifying and taking preventative measures to control potential job-related injuries or mishaps is essential in this trade.

BACKGROUND

An 85,000 barrel-per-day oil refinery in southern Wyoming runs a complex facility requiring daily attention and efforts on safety. When one of ten installed, tempered water systems for emergency showers and eyewashes was requiring an inspection, the Maintenance Manager and Safety Coordinator quickly worked to resolve the issue.

OBJECTIVE

Under their warranty, they reached out to *Haws Services* to inspect and help resolve the non-functioning flow switches which caused the alarms to not signal. This location has emergency alarm systems on each of the 80 emergency shower and eyewash units throughout the facility that throw a buzzing noise and flashing light when a unit is activated to notify others that a victim may be in need of assistance. These alarms are vital and proper functionality is crucial to the victim safety in both minor and major incidents.

SOLUTION

Haws Services visited the site and was able to resolve the flow switch issue quickly. In addition, *Haws Services* took proactive steps by performing an ANSI Z358.1 annual inspection on the remainder of the 80 units, a mix of makes and models, and recognized various non-compliance issues; too much or too little of flow to the heads of the eyewashes and showers, not providing tempered water (60-100°F), and additional non-functioning alarms. *Haws Services* provided an all-encompassing inspection report that showed these areas of non-compliance along with a recommendation report on solutions to resolve the listed issues.

RESULTS

Since that initial visit, the refinery contracted *Haws Services* to continue to inspect and repair every unit in the plant. They are now scheduled to be onsite annually to assist with flushing the self-contained units and to identify and repair issues. "We've placed our trust in the experts at *Haws Services* to ensure our systems are compliant, and more importantly, that our employees can get the proper first aid if an incident occurs," said the Safety Manager.

ABOUT HAWS SERVICES

At *Haws Services*, we recognize that emergency shower and eyewash requirements are an important part of your business' emergency response system. Let our team of knowledgeable advisors help you test and maintain your emergency response program. We specialize in product commissioning, preventative maintenance, annual ANSI site surveys and inspections, repairs, and educational training programs for certification.

* Wyoming Oil & Gas Facts. Retrieved from <http://www.wsgs.wyo.gov/energy/oil-gas-facts>

