

# FIRE SUPPRESSION

Quality fire suppression and sprinkler design is more than checking off a box on permits and building codes. It is a crucial component upon which rests the safety of your workforce, your process and your product. Advances in the detection and suppression of sparks and fire are making industrial and commercial environments safer than ever, but changes in the codes can be difficult to navigate. Evergreen Engineering has the expertise to protect your facility from fire and ensure that your employees and assets are working in the safest of conditions.

Recent examples of our work include:

## **Autzen Stadium Fire Protection Remediation, Eugene, Oregon**

September 2015 \$23,200

Evergreen provided engineering support to refine proposed solutions for fire protection in Autzen Stadium's Mechanical Area and the South Stair Towers to help UO remediate issues with fire retardant coatings. Evergreen roles also included code compliance, solution selection and development of specifications and bidding documents for final implementation.



## **Port Fire Protection Design, Portsmouth, Virginia**

August 2013 \$5,500

Evergreen provided a preliminary Fire Protection Basis of Design template and fire protection loop layout for a ship-loading facility. In addition to developing the template and fire protection loop, Evergreen sized the fire pump and tank to meet insurance and code requirements, using information supplied from site managers regarding available fire water flow volume and pressure.

## **Sprinkler System Design for Straub Hall Expansion**

August 2013 \$26,500

Evergreen designed a wet fire sprinkler system for the UO Straub Hall classroom expansion including the basement, 1<sup>st</sup> and 2<sup>nd</sup> floors in the central core of Straub Hall. Design included full fire sprinkler coverage and protection of all corridors, offices, closets, lounges, studies, classrooms, and basements. This project conforms to University of Oregon Campus Construction Standards, requirements of UO Environmental Health and Safety and NFPA 13.



**EVERGREEN ENGINEERING**

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