

THE FIRE LINE

Data Center Fire Protection Company

Utah is quickly becoming another Silicon Valley, as companies like Adobe, Xactware, eBay and others open first class data facilities here. Technology companies are attracted to Utah because of our climate, taxes and reliable power. As fast as technology changes in our world today more companies are bound to develop or relocate to Utah's attractive market.

Fire Engineering has made an ever-increasing presence in this growing market, proving to be a premier Data Center Fire Protection Company. Securing such high profile projects, such as Verizon, eBay, Adobe and DCM, also denies our local competition the chance to build a profile such as ours within this market. Our experience and success with the technology companies helps us with future opportunities. Most technology companies focus on a contractor's portfolio equally as much as they do price. These clients want state of the art fire protection systems, experienced engineering, and quality installation.

With the high dollar value of the equipment and information stored in Data Centers, clients need to feel confident in their fire protection contractor. Fire Engineering has a unique ability to provide a large range of fire protection and detection options. Most companies cannot engineer, install and maintain, various sprinkler suppression, detection, air sampling, clean agent, and fire pumps all in house, as we can.

On numerous occasions Paul Mangen, PM for the DCM project, has praised our work and offered to be a reference. Steve Boyce, with C7 Data Centers, called Fire Engineering his most reliable subcontractor and stated, "I haven't dealt with a company that responds to calls as quick as Fire Engineering". Hearing these comments first hand from our clients means a lot and makes this job rewarding given the many challenges we are faced with job to job. Meeting the demands of these clients is a team effort and speaks volumes about our organization as a whole.

Tory Mann

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May, 1967

The kind of guy who commands leadership is first of all the fellow who knows his business, and know sit so well that he exudes confidence.

Second, he has to be a thoroughly honest person, with himself and everyone else – not because some outside influence tells him, but because of an inner ethical sense that tells him right from wrong.

Finally, the natural leader must have a real appetite for accomplishment. He must have the ability to work hard for long periods of time without breaking down mentally or physically under stress.

SEATBELTS SAVE LIVES!

*Trucks are replaceable...people are not!
Just ask these guys...*

Scott Griffin ~ Axel Robinson ~ Pat Shangreaux



Combustible Construction

NFPA 13 is a minefield of requirements when it comes to combustible construction. Being able to recognize some of these pitfalls can give every employee the ability to identify potential code compliance problems, especially when the contractor has modified the building construction in the field. Here are a few critical items to keep an eye out for:

1. Combustible concealed spaces greater than 55 sq. ft. and/or joist channels that are not firestopped into 160 cu.ft. areas may require additional sprinkler heads or a much larger hydraulic demand.
2. "Composite" wood joists (like TJI's) do not follow the same rules as "Solid" wood joists as fire can penetrate the thin web much faster. Composite wood joists may require additional firestopping, insulation, an increased hydraulic demand, or additional sprinkler heads in the concealed space.
3. Combustible shafts, stairs, balconies, and overhangs require additional sprinkler protection, fire treatment, or non-combustible surfacing to comply with code.
4. The maximum head spacing and protection area per head must be reduced if wood joists or trusses are less than 3 feet on center.
5. Where CPVC piping is used in combustible construction; the installer must verify that the piping is concealed according to the CPVC manufacturer's recommendations for protection from fire, and that sufficient insulation and/or vapor barriers have been installed to protect the pipe from freezing.

Craig Atkinson

**In the Spring, I have counted
136 different kinds of weather
inside of 24 hours.**

Mark Twain



WILL BONDS

We recently lost a fitter and friend. Will started at the Fire Engineering 11/9/11 and quickly earned Master Journeyman. Will was a hard worker, demonstrated leadership and had a great compassion for the fire sprinkler industry. He will be missed but not forgotten.



EMPLOYEE NEWS

FIRE SPRINKLER

Axel Robinson Class 7 Apprentice

Josh Weidauer Class 5 Apprentice

Steve Longtin Journeyman

SPECIAL HAZARDS

Mike Gress Level 1 & 2 Fan Testing Training
Idaho & Wyoming Fire Alarm

Eric DeKarver NICET Level 1 Fire Alarm

Todd Oborn Utah Fire Alarm