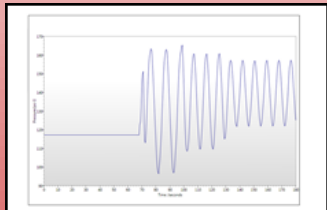
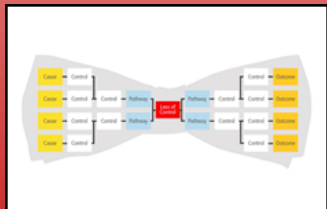


Consequence Modelling



Hydraulic & Surge Analysis



Bowtie Review



CPD Modelling

Haines Fire Safety Limited (HFSL) was formed in 2014 with the aim of providing bespoke independent fire hazard management and consultancy services to the Oil, Gas and Petro-chemical Industry. The foundation of HFSL service is the significant depth and breadth of knowledge and experience gained while working within the Oil, Gas & Petrochemical Industry. HFSL are able to offer state of the art advice on all of the current codes and standards both nationally and internationally, but HFSL are also able to provide innovative solutions to unique challenges when necessary.

HFSL utilise only industry approved software packages, such as: DNV PHAST, Shell FRED, BP CIRRUS, Gexcon FLACS, PIPENET, AFT Fathom, AFT Impulse, PyroSim, Pathfinder, AutoCAD 2d.

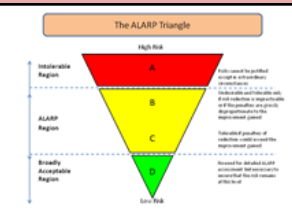
Services provided by HFSL include;

- Consequence Modelling,
- Computer Fluid Dynamics – Smoke Modelling & Evacuation Modelling Simulations,
- ALARP Assessments,
- Hydraulic Modelling & Surge Analysis,
- BOWTIE Review,
- Fire Safety Audits,
- Deluge Valve Service & Maintenance,
- Flow Verification Measurement.

HFSL is based in the UK but offer a truly international service; HFSL Fire Risk Engineers have over 14 years' experience working within the Oil, Gas & Petrochemical Industry, gained from working in over 40 countries.



Fire Safety Audits



ALARP Assessment



Flow Verification Measurement



Deluge Valve Service & Maintenance