



Are you Complying with DSEAR?

What is DSEAR?

The Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) were put in place to comply with the European ATEX Directive and to protect people from the potential flammable atmospheres that can arise when handling flammable liquids and combustible dusts.

The Regulations state that risks from dangerous substances 'must be eliminated or reduced as far as is reasonably practicable.'

Does it Apply to Me?

If your company manufactures, processes, uses or handles solvents, fuels, varnishes, paints or chemicals with the potential to form a flammable /explosive atmosphere or release energy, or if dust is created as a result of your manufacturing or processing operations (e.g. machining, sanding wood or dust from foodstuffs), then you are obliged to comply with DSEAR. Modifications and new projects must not be implemented until a competent person completes an appropriate DSEAR assessment.

Assessing the Risk

HFL Risk Services' staff have a wealth of experience in DSEAR and the capability to carry out this work on your behalf. We will undertake a full assessment of all credible release scenarios, determine what is required and then provide the necessary support to ensure that your workforce and your business are fully protected. We are expert in determining the effects of a fire or explosion, and assessing the likelihood of an ignition source becoming active and effective.

Specific areas where we can help are:

- Use of explosive, oxidising and flammable substances (solids, liquids and gases)
- Reactive chemistry and key controls
- Explosion and fire risk assessment
- Hazardous area classification
- Assessment of electrical and non-electrical ignition sources
- Technical and organisational measures
- Emergency response measures
- Information & training