

DSEAR / ATEX Compliance



Two European Directives came into force at the end of 2002 controlling explosive atmospheres and the standards of equipment used in them (ATEX 137 and ATEX 95). In the UK these directives are implemented via the Dangerous Substances and Explosive Atmospheres Regulation 2002 (DSEAR). Together these regulations address an employer's responsibilities towards workers who are required to operate in hazardous areas.

The regulations apply to almost every business, and importantly to both electrical and non-electrical ignition sources. They stipulate that, where a dangerous substance may be present in the workplace, the employer shall carry out an assessment of the risks to his employees which arise from that substance. These risks must be eliminated or reduced as far as is reasonably practicable (ALARP).



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SERVICES AND EXPERTISE

Our extensive experience providing safety and risk consultancy to oil and gas, nuclear, chemical, power and other hazardous industries has provided us with the knowledge and tools to allow us to rapidly evaluate and deliver DSEAR / ATEX risk assessments to clearly demonstrate regulatory compliance.

The types of service we can provide include:

- Classification of Hazardous Areas (zoning)
- Preparation or audit of DSEAR / ATEX risk assessments (mechanical and electrical)
- Specification of criteria for selection of equipment and protective systems (performance standards)
- Advice on the elimination or mitigation of risk
- Advice on provision and positioning of warning signs and marking of containers and pipes
- Development of written schemes of examination / verification (WSE/WSV) to ensure ongoing ATEX / DSEAR compliance
- Failure / forensic incident investigations
- Development of Management Systems for ATEX / DSEAR compliance
- Engineering Assessments in support of risk assessments
 - Remaining life assessments (RLA)
 - Fitness-for-service (FFS)
 - Progressive collapse assessment
 - Passive Fire Protection requirements (PFP)
 - Engineering Criticality Assessments (ECA)



VECTRA
GROUP LIMITED

We are committed to finding quality solutions through a service which has BS EN ISO 9001: 2000 certification.

