

sira

CERTIFICATION



DSEAR & ATEX 137 Compliance • DSEAR & ATEX 137 Compliance • DSEAR & ATEX 137 Compliance • DSEAR & ATEX 137 Compliance •
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Serious about Safety - DSEAR & ATEX 137 Compliance



- Food & Drinks
- Pharmaceutical
- Fine Chemicals
- Defence
- Bulk Chemicals
- Aerospace
- Water Treatment
- Oil & Gas
- Aerosols
- Car Manufacture
- Steel
- Perfumes
- Paper
- Landfill
- Distilleries
- Offshore

What is DSEAR & ATEX 137?

On July 1st 2006 the DSEAR guidelines came into force within the UK.

The Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) sets minimum requirements for the protection of workers from fire and explosion risks related to dangerous substances and potentially explosive atmospheres in the workplace.

DSEAR is the 'framework' adopted by the Health & Safety Executive (HSE) to implement ATEX 137 (the Worker Protection Directive 1999/92/EC) within the UK.

Responsibilities and Requirements of DSEAR & ATEX 137

It is the responsibility of the employer to minimise the risks to their employees that can result from potentially explosive atmospheres.

This can be facilitated by the following checklist:

- Risk assessments are in place and include fire and explosion risks.
- Hazardous area classification report and drawings are up to date.
- Instrument and electrical installations are inspected and maintained.
- Non-electrical equipment risk assessments have been developed.
- Permit to Work system is in place.
- Portable ignition sources are controlled.
- Static electricity is controlled.
- Warning signs are adequate.
- Information is provided to contractors.
- Appropriate training is provided.

The Sira Approach

Sira provides a Total Compliance Solution to meeting the DSEAR & ATEX 137 requirements. As all hazardous areas are different, we tailor the service, offering pragmatic and practical solutions to meet your specific needs.

Project Management

Sira encourages a team approach with your own staff, and we project manage the programme of work.

In association with you, we will:

- Define & clarify the scope of work.
- Meet your objectives (in terms of resources, time and cost).
- Encourage a team approach.
- Offer a service that fits in with your way of working.

Technical Consultancy

Sira offers a range of technical consultancy services that relate to installations in hazardous areas.

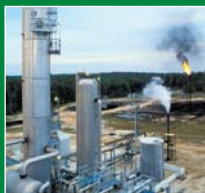
Consultancy can be as flexible and in-depth as you need it to be. Our service enables any problems, faults or knowledge gaps to be resolved quickly and cost effectively, enabling you to maintain compliance.

Please contact us for more information about our range of consultancy services.

Certifying Compliance

Sira can issue **Certificates** for any aspect of DSEAR work that we undertake. This results in a valuable 3rd party endorsement.

It provides visible evidence of your commitment to safety to employees, contractors and customers.





Gap-Analysis Projects (DSEAR & ATEX 137 Healthcheck)

The DSEAR Gap Analysis is a method to identify and establish the overall compliance status of a site. It will identify issues that are dealt with correctly under the regulations and, more importantly, highlight what you still need to do to demonstrate/maintain compliance.

Hazard Appreciation & Risk Assessment

A fire and explosion risk assessment must be carried out on any work activities involving dangerous substances, augmenting any existing assessment carried out under the Management of Health & Safety at Work Regulations 1999.

The risk assessment is a careful examination of what could cause harm to people in your work, so that you can determine whether you have taken enough precautions, or whether you should do more to prevent harm.

The Sira experts can help by either conducting independent risk assessments of your plant, or reviewing your existing risk assessments and dealing with any outstanding issues.

Area Classification

Area Classification is a process for identifying areas that have potential to cause loss from ignition of flammable atmospheres (gases, vapours and dusts) by equipment.

Typically, areas are analysed and classified into differing degrees of risk, and are 'zoned' under this analysis, corresponding to the three categories of equipment in current UK and EU legislation.

Sira has experience of a wide range of codes of practice produced for specific industries or processes, as well as national and international standards.

We have an extensive and unique 'toolkit' that enables us to calculate and define the extent of releases of flammable materials, and can compile area classification reports and drawings, and assist with warning signs in order for you to achieve successful classification.

Inspection of Existing Equipment in Hazardous Areas

Inspection must be carried out to confirm that equipment has been designed, constructed, installed, maintained and operated in such a way as to minimise the risk of an explosion.

Sira can independently inspect and verify your installations or guide you through the inspection process by either training or project managing your own team to conduct the work.

Non-electrical Equipment Risk Assessment

DSEAR calls upon the formalisation of risk assessments for non-electrical equipment already installed on-site. This involves conducting retrospective ignition hazard assessments to ensure that current practices are acceptable, and highlight if any outstanding or corrective actions need to be undertaken.

Sira can help by either carrying out independent assessments against the relevant standards, offering training or project managing your own staff to complete the work.

Training & Competence

There is a legal requirement for training of personnel in hazardous areas, therefore a step towards compliance is to ensure that adequate training is provided for employees.



Endorsed Training
Provider*



Sira offers a range of Hazardous Area training courses covering topics such as Risk Assessment and Area Classification, as well as being a **Recommended Training Provider for the Sira Certification Service Competence Professional Scheme**, the purpose of which is to assess personnel to ensure competence is "demonstrated through ability and the application of knowledge and/or skills".

For more information, or to receive a fixed price quotation for DSEAR or ATEX 137 compliance, please contact us on +44 (0) 1244 670 900 or email dsear@siracertification.com

