

DSEAR Assessment Record

A DSEAR assessment record with dangerous substances, release scenarios, ignition sources, existing controls, specialist references and action priorities.

1. Record details and scope

Project

Filled in from the project in SiteSurvey.

Site or premises address

Client or organisation

Record date *

Person completing the record *

This records a competent assessment. It does not calculate hazardous zones, select explosion-protected equipment or replace a specialist hazardous-area classification or verification.

DSEAR requires assessment of risks from dangerous substances, including fire and explosion risks; HSE also describes gases under pressure and substances corrosive to metals within its scope. Regulation 5 requires a suitable and sufficient assessment and review in the specified circumstances. Employers with five or more employees must record the significant findings and specified information.

2. Scope and competence

Process, premises and activities covered *

Assessor competence and specialist input *

Scope, assumptions and assessment limitations

Process drawings and area plans

3. Substances and scenarios

Substance or scenario (copy this block for each one)

Substance, quantity and storage/use location *

Current safety data sheet reference *

Relevant dangerous properties and evidence *

Normal and foreseeable abnormal release scenarios *

Ignition sources and affected people *

Elimination, substitution, prevention and mitigation measures *

Remaining gaps and specialist work needed

4. Specialist decisions

Hazardous-area classification reference, author and revision

Reference the competent assessment and drawings used for classification decisions. State exclusions and unresolved information explicitly.

Equipment suitability and verification references

Operating, maintenance and emergency procedures

Information and training arrangements

5. Review

Changes that require review and how they are controlled

Planned review date

Reason for review timing and responsible person

6. Actions and review

Are further actions required? * (choose one)

☐ Yes ☐ No

Further action (copy this block for each one; if applicable)

Action and evidence reference *

Person responsible *

Target date

Action status * (choose one)

☐ Open ☐ In progress ☐ Completed

Completion evidence * (if applicable)

Outstanding limitations and information to pass on

Record status * (choose one)

☐ Ready for review ☐ Further work needed ☐ Work or use stopped

Reviewed by

Review date

Author signature *

Signing records the information entered. It does not itself certify legal compliance, remove a limitation or authorise unsafe work.