



Module 3 – Risk Assessment, DVR And Prevention Planning

RLS Refresher Training – Companies with more than 50 workers

Module duration: 55 minutes • 17 screens / learning units • Complete the module in sequence.

Learning objectives

- What you will update
- What the RLS should observe
- How to turn information into prevention action

Start the module and complete every screen in sequence.



Module 3: Risk assessment, DVR and prevention planning

Module opening

Key points

- What you will update
- What the RLS should observe
- How to turn information into prevention action

Activity

Select “Start module” after reading the objectives.

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Hazard, risk and harm

Content + voice-over

Key points

- Hazard = source with potential to cause harm
- Risk = likelihood and severity in context
- Exposure influences risk
- Controls reduce risk

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



The purpose of the DVR

Content + voice-over

Key points

- Identify and assess risks
- Define prevention and protection measures
- Plan improvement
- Assign implementation roles
- Keep the assessment current

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



Apply it: Repeated workaround

Interactive micro-scenario

Key points

- Operators bypass a slow interlock because production targets are difficult to meet.
What should the RLS see?

Activity

- A. Only individual misconduct
- B. A possible interaction between design, workload and procedures that should be assessed
- C. Proof that the guard is unnecessary



When risk assessment needs review

Content + voice-over

Key points

- Changes in process or organisation
- New equipment or substances
- Significant accidents or findings
- Health-surveillance indications
- New technical or legal knowledge

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



The hierarchy of controls

Content + voice-over

Key points

- Eliminate
- Substitute
- Engineering controls
- Organisational controls
- PPE as the final barrier

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



Apply it: Process change

Interactive micro-scenario

Key points

- A solvent is replaced by a new product with a different hazard classification. What should happen?

Activity

- A. The existing assessment is always sufficient
- B. The risk assessment and controls should be reviewed in light of the change
- C. Only the product label matters



Worker participation improves risk assessment

Content + voice-over

Key points

- Workers know real tasks
- Non-routine work matters
- Informal workarounds reveal design problems
- Feedback can identify weak controls

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



Risk prioritisation and action planning

Content + voice-over

Key points

- Severity
- Likelihood
- Number of exposed people
- Control reliability
- Urgency and feasibility

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



Apply it: Hierarchy of controls

Interactive micro-scenario

Key points

- Workers use respiratory PPE every day because local extraction is ineffective. What should be examined?

Activity

- A. Whether source and engineering controls can be improved before relying mainly on PPE
- B. Whether PPE can replace maintenance
- C. Whether training can be removed



Special and vulnerable groups

Content + voice-over

Key points

- Age and experience
- Pregnancy and maternity
- Disability and individual capability
- Language and cultural factors
- Temporary and new workers

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



From DVR to continuous improvement

Content + voice-over

Key points

- Observe
- Compare with DVR
- Identify gaps
- Propose action
- Verify effectiveness

Activity

Quick reflection: Which part of this topic is most relevant to your workplace? Select one point and continue.



Apply it: Vulnerable groups

Interactive micro-scenario

Key points

- A task is technically safe for most workers but may create additional risk for a specific worker group. What principle applies?

Activity

- A. Risk assessment should consider groups exposed to particular risks
- B. Everyone must be treated identically regardless of risk
- C. The RLS should make a medical diagnosis



Case study – Production pressure and bypassed guard

Case study

Key points

- A packaging machine has an interlocked guard. Operators repeatedly bypass it because jams occur frequently and each stoppage delays production. No serious injury has occurred, but two near misses have been reported. The DVR describes the machine as adequately guarded and does not mention the frequent jams or production pressure.

The RLS should look beyond the visible unsafe act. The risk assessment should reflect real work, foreseeable deviations, equipment reliability, maintenance, workload and the effectiveness of controls. A sustainable solution may require engineering changes, maintenance, process changes or revised production expectations rather than relying only on reminders to “follow the rules”.

Activity

Complete these three prompts:

- List the hazards and contributing organisational factors.
- Place possible controls in order using the hierarchy of controls.
- Define how you would verify that the chosen action is effective.



Workplace application

Workplace application

Key points

- Scenario: a warehouse introduces electric pallet trucks. Pedestrian routes cross loading areas, battery charging takes place near stored materials, and several temporary workers start the same week. Identify at least five hazards, who may be exposed, current controls you would expect to see, and two questions the RLS should raise about the DVR update.

Activity

Write one short observation (maximum 300 characters): What would you check or ask about after this module?



Key takeaways

Interactive recap

Key points

- Hazard = source with potential to cause harm
- Identify and assess risks
- Changes in process or organisation
- Eliminate
- Workers know real tasks

Activity

Select each card to reveal a one-line reminder, then continue.

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Module knowledge check

Knowledge check

Key points

- 5 multiple-choice questions
- 3 options per question
- Immediate learning feedback

Activity

Answer the following five questions. You will receive learning feedback after each answer.



Module 3 – Risk Assessment, DVR And Prevention Planning: Knowledge Check

Question 1

A hazard is:

- A. The final risk score
- B. Only an injury that already occurred
- C. A source with potential to cause harm

Choose the best answer before continuing.



Module 3 – Risk Assessment, DVR And Prevention Planning: Knowledge Check

Question 2

The DVR should:

- A. Reflect the actual workplace
- B. Be a generic document copied from another company
- C. Remain unchanged after major process changes

Choose the best answer before continuing.



Module 3 – Risk Assessment, DVR And Prevention Planning: Knowledge Check

Question 3

Which control is generally more effective?

- A. Relying only on a warning sign
- B. Eliminating the hazard
- C. Telling workers to be careful

Choose the best answer before continuing.



Module 3 – Risk Assessment, DVR And Prevention Planning: Knowledge Check

Question 4

Worker workarounds can be useful to the RLS because they may:

- A. Always justify disciplinary action
- B. Prove that risk assessment is unnecessary
- C. Reveal design or organisational weaknesses

Choose the best answer before continuing.



Module 3 – Risk Assessment, DVR And Prevention Planning: Knowledge Check

Question 5

A completed prevention action should also be:

- A. Verified for effectiveness
- B. Assumed effective without evidence
- C. Removed from the DVR immediately

Choose the best answer before continuing.