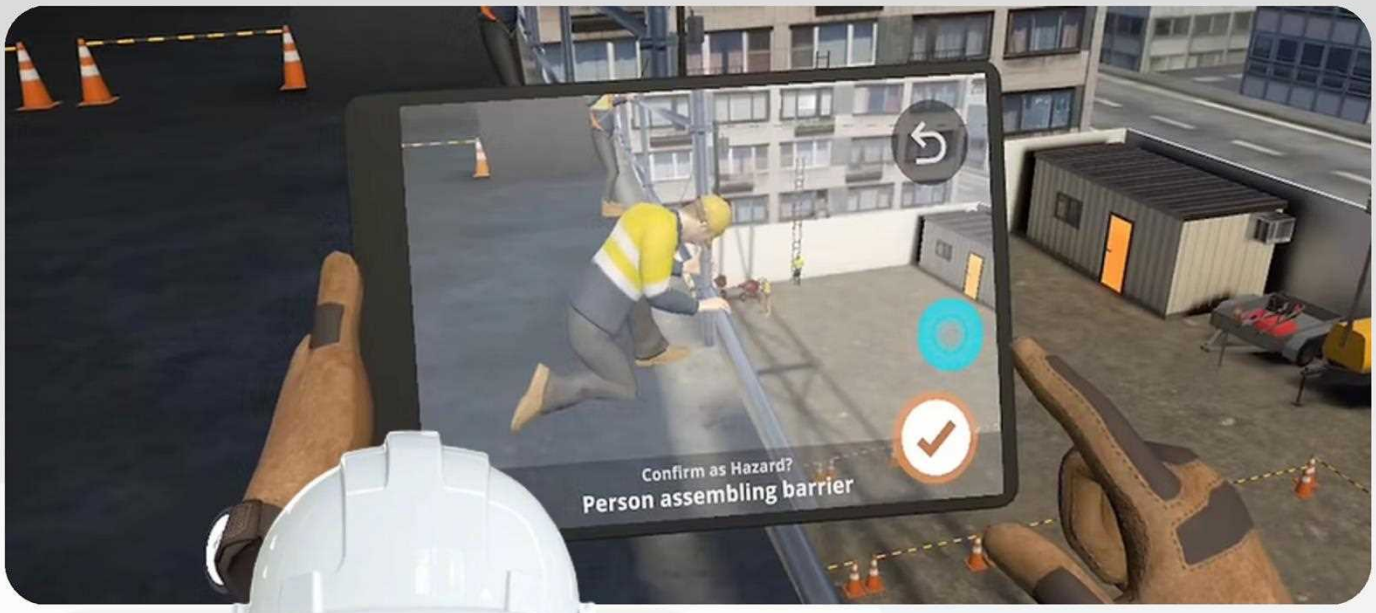
NEXT WORLD

Hazard Identification
VR Module Overview

Modelled from Unit of Competency: RIIRIS201E



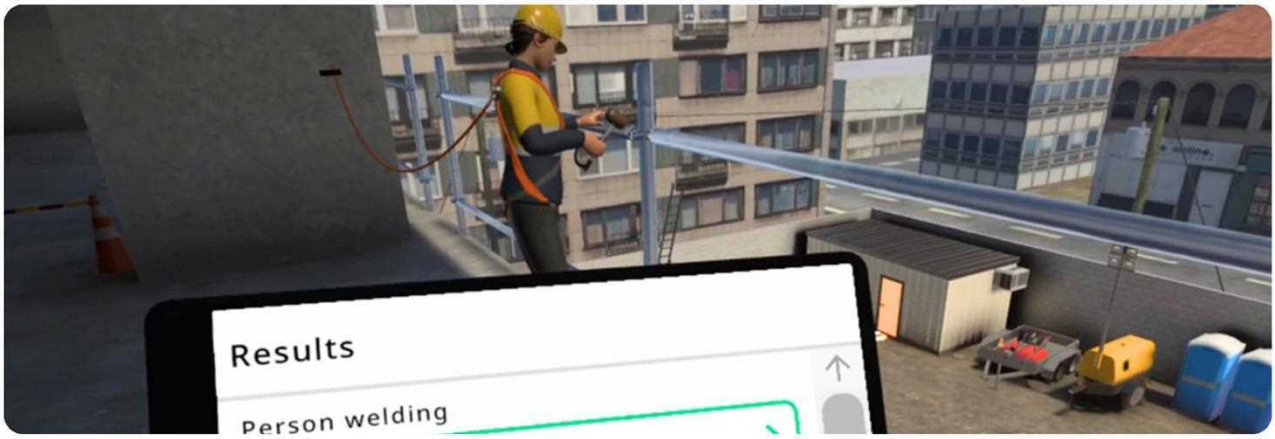
23 minutes

Analytics

13 languages

Experience Overview

What's included in VR Hazard identification



Train your team to spot hazards before they cause harm—and respond with the right controls to keep everyone safe.

This immersive VR training places users in a dynamic job site where risks unfold in real time. Trainees develop critical awareness skills, learn to apply structured safety frameworks, and walk away with the ability to assess, prioritise, and control workplace hazards before they escalate.

Hazards are everywhere—and failure to identify them is one of the leading causes of injury, downtime, and costly incidents.

Participants explore a reactive, high-risk environment where they must:

- Identify and assess hazards using real-time feedback loops.
- Apply the Hierarchy of Controls and Risk Assessment Matrix.
- Experience hazards too dangerous to simulate in the real world.
- Complete a full site safety risk inspection under exam conditions.

This hands-on training builds practical, transferable hazard identification skills—empowering workers to take ownership of safety, not just follow procedure.

Features

- Explore a dynamic job site environment as you identify and mitigate hazards
- Experience hazards that too dangerous to replicate in real life
- Complete a site safety risk inspection under exam conditions
- Integrated analytics and student performance
- Completed in 23 minutes
- Available in 13 languages

Languages

- English (AU, US, UK)
- Arabic
- Hindi
- Spanish
- French
- German
- Italian
- Portuguese
- Serbian
- Polish
- Bosnian

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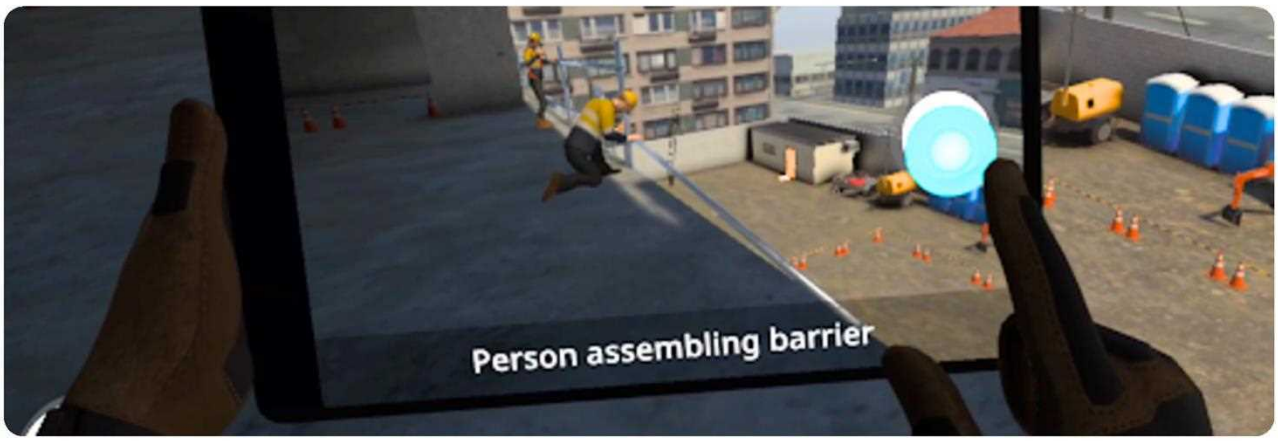
Training Frameworks

The experience is built around a phased, competency-based training structure:



A. Tutorial Phase

- Orientation to the VR tablet and user interface.
- Learners begin spotting basic hazards and submitting photo evidence.

B. Discovery Phase

- Knowledge-check questions to test prior understanding of:
- Hazard vs. risk
- Risk control hierarchy
- Risk matrix application

C. Instructional Phase

- Learners are taught:
- The four-step risk management process
- How to use tools like the Risk Matrix
- How to differentiate between severity and likelihood

D. Exam Phase (Three Rounds of Assessment)

- Round 1: Identify hazards only.
- Round 2: Identify hazards and assess risk levels.
- Round 3: Identify hazards, assess risk, and select the most appropriate control.
- Each round progressively challenges the learner's situational awareness and safety decision-making.

E. Results and Feedback

- Learners view what they got right, wrong, and missed.
- Encouraged to refine future hazard spotting and decision-making accuracy.

Key Learning Outcomes

Engaging methods of training Hazard identification

Understand the Fundamentals of Hazard Identification:

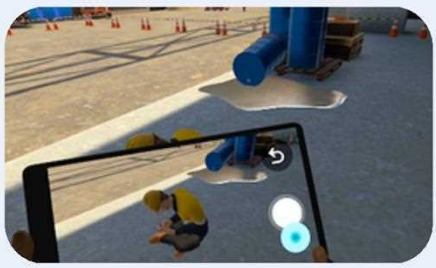
- Define what a hazard is and how it can cause short- or long-term harm.
- Learn their duty of care under local safety regulations to keep themselves and others safe.

Apply the 4-Step Risk Management Process:

- Identify Hazards: Spot potential sources of harm in various environments.
- Assess Risks: Use a risk matrix to determine severity, likelihood, and risk rating.
- Control Risks: Implement control measures using the Hierarchy of Control (Elimination, Substitution, Engineering, Administration, PPE
- Review Controls: Regularly assess whether implemented controls are still effective, especially after changes.

Utilise Key Safety Tools and Documentation:

- Risk Assessment Matrix
- Corrective Action Register
- Job Safety Analysis (JSA)
- Site Safety Plans, Hazard Registers, and Incident Reports



Practise Hazard Spotting Across Environments:

- Identify unsafe conditions including:
- Obstructed fire exits
- Poor ladder use near powerlines
- Incorrect manual handling
- Inadequate PPE usage
- Working at height without harnesses
- Spilled fuels and unsecured objects at height

Make Safety Judgements and Recommend Controls:

- Use the VR tablet to:
- Take photos of hazards
- Answer situational questions
- Select appropriate control measures

VR Trainee Certificate

Employees will receive a VR Trainee Certificate upon successfully completing a training module in the Next World platform.

Certificate of Completion:
Finished the module, underperformed the pass threshold

Certificate of Achievement:
Finished the module, exceeded the pass threshold

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