

From JSAs to Take 5s: Maximising Safety with Digital Risk Assessment Tools



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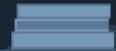
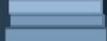


Risk Assessment Tools

Identify and assess the risk of undertaking a specific job or task, and apply appropriate controls **before** accidents can occur.



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What does the law say?

- A PCBU must manage risks 'so far as reasonably practicable'
- Health and safety procedures / systems of work must explain how a workplace's hazards and risks will be identified and managed for any work undertaken.
- The level of detail in any risk management process should be broadly proportionate to the risk to health and safety of workers and consequences of not providing adequate risk controls.



Risk management procedures and processes should:

- Identify all relevant hazards and risks relating to the work
- Demonstrate an understanding best practice in your industry is
- Include the principles of safety by design
- Present risk controls in the 'hierarchy of control' and be able to justify the use of lower level controls for any given risk
- Focus on risks relating to actual work being done in the workplace
- Ensure all workers and groups involved in the work have input
- Monitor and review risk controls to ensure they are current and effective
- Regularly meet with workers (employees and contractors) involved in the same work, to review risks, existing risk controls and document risk management discussions



When do we use these tools?

- Particular risks specified by regulation
- Any unfamiliar or complex task
- When required by a contract/Pre-qual
- As part of a Permit to Work
- If your risk assessment results in CRITICAL or HIGH level or risk
- Notifiable construction work



Site Specific Safety Plans (SSSP)

- Agreement between businesses/PCBUs working on a specific site that determines how health and safety will be managed

- Top 3 SSSP Tips
 - Keep it Simple – a good guide is a SSSP should be less than 20 pages long
 - Keep it Specific – irrelevant plans get ignored
 - Keep it Alive - it's a live document – so include extra spaces for new hazards



Task Analysis (TA)

- Planning tool that ensures all risks and controls are identified
- Helps improve productivity by ensuring the right people, plant and processes are ready when you need them
- Describes how you plan to do the job safely and proves that you are managing risk

- A Task Analysis is required for:
 - Particular risks specified by legislation
 - Any new or complex task
 - When required by contract
 - Permit to Work Systems
 - Work requiring Certificate of Competence
 - If your risk assessment results in CRITICAL or HIGH level or risk
 - Notifiable construction work



Job Safety Analysis (JSA)

- A tool that focuses on job tasks as a way to identify hazards before they occur
- Focuses on the relationship between the worker, the task, the tools, and the work environment
- Analysis of hazards and risk potential when a job or task is to be undertaken
- Not suitable for jobs defined too broadly or too narrowly



Developing a JSA

1. Determine the job or task to be analysed
 2. Break the job down into an orderly sequence of steps
 3. Determine the potential hazards at each step
 4. Determine recommended controls for each hazard applying the hierarchy of risk control
- You can also include a:
 - Risk rating for each hazard, both for the raw risk, and residual risk
 - Responsible person

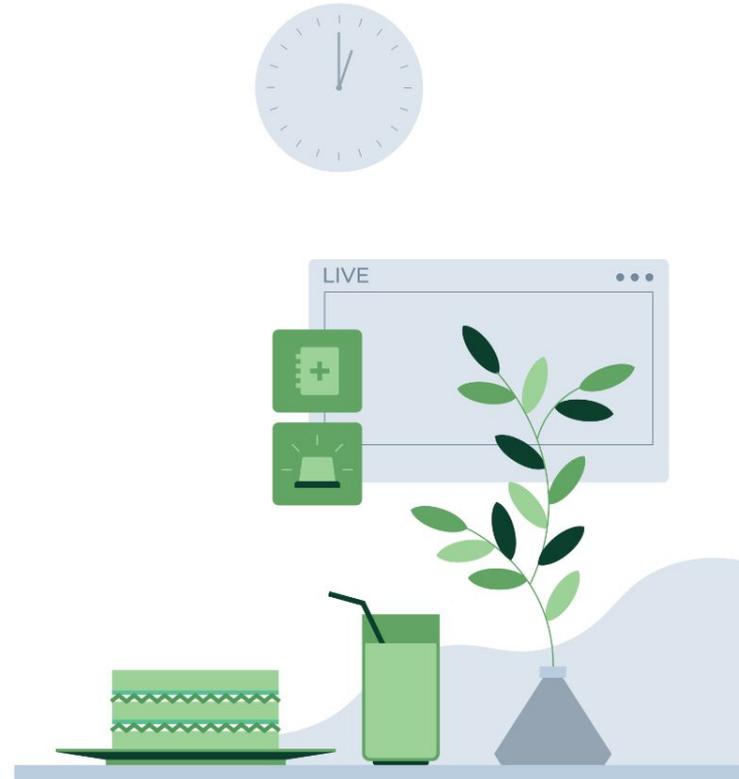


Safe Work Method Statement (SWMS)

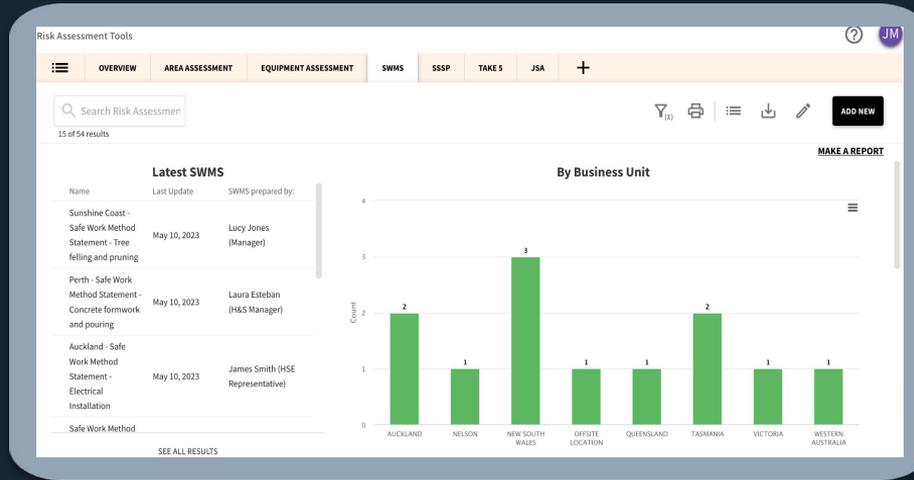
- Used when carrying out high risk work, often in connection with a construction project
- A SWMS replaces a JSA and references the legislative requirements outlined in Approved Codes of Practice and task specific training to high risk activities
- SWMS help supervisors, workers and any other persons at the workplace to understand the requirements that have been established to carry out the high-risk construction work in a safe and healthy manner
- Similar to a SSSP in that it:
 - Describes the activity or task
 - Identifies the resources and skills required
 - Sets out the work activities in logical sequence
 - Identifies hazards
 - Assesses and selects control measure



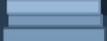
Take 5



Risk Assessments in ecoPortal



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Event Survey

Let us know your feedback!

Don't have your phone handy?

Click the link in the chat.

We'll also send the survey out with the recording.



Want to learn more?

Reach out to your Customer Success Manager



George Blackburn



Lucia Fusco



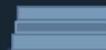
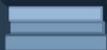
Rob Leyland

Or visit us at

ecoportal.com



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WEBINAR

Digital Product Summit

Tuesday, 26th March | 1pm NZDT | 11am AEDT | 1hr





Questions?

Enter them into the Q&A tab.



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