

## Diesel Spill Cleanup Risk Assessment

Business Name:	ABN:	
Business Address:		
Contact Person:	Phone:	Email:

### THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THIS PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a RISK ASSESSMENT is prepared before the proposed work starts.

Full Name:		
Signature:	Title:	Date:

### CLIENT OR PRINCIPAL CONTRACTOR DETAILS

Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date Risk Assessment supplied to Project Manager:	

RISK MATRIX								
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HIERARCHY OF CONTROLS
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE			<b>Elimination</b> Remove the hazard.
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	<b>Substitution</b> Replace the hazard.
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.	<b>Isolation</b> Isolate People from the hazard
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	<b>Engineering</b> Isolate the hazard
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	<b>Administrative</b> Change
								<b>PPE</b>
<b>Risk Rating &amp; Required Action:</b>						<b>Notes on Hierarchy of Controls:</b>		
4A Stop work. The risk is intolerable. Eliminate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or higher-level authorisation is required.						Remember to apply controls in the preferred order shown by the coloured pyramid:		
3H Review and approve additional controls before task starts. Senior supervisor sign-off needed.						1. <b>Eliminate</b>		
2M Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.						2. <b>Substitute</b>		
1L Proceed, following standard operating procedures. Monitor and keep records.						3. <b>Isolate</b>		
						4. <b>Engineering</b>		
						5. <b>Administrative</b>		
						6. <b>PPE</b>		
<b>Consequence Scale:</b>						Always document <b>why</b> a lower-order control is accepted if elimination or substitution is not reasonably practicable.		
Consequence	People (injury/illness)		Project / Assets		Compliance / Reputation			
Catastrophic	Fatality or permanent total disability		project shutdown		Significant regulator intervention; criminal prosecution			
Major	Serious injury/illness (hospital > 5 days)		critical delay		Improvement notice; major media coverage			
Moderate	Medical-treatment injury; lost-time > 1 day		moderate delay		Minor breach; adverse client comment			
Minor	First-aid only, no lost time		negligible delay		Isolated non-conformance			
Insignificant	No injury		no schedule impact		Deviation caught and corrected on site			
						aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.		

JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Slip hazard from oil residues, Inadequate PPE availability	3H	<ul style="list-style-type: none"> <li>Inspect area for oil slicks and clean prior to entry</li> <li>Ensure all personnel have access to appropriate PPE</li> <li>Confirm communication devices are functioning</li> <li>Brief team on spill response procedures</li> <li>Restrict unauthorized access to the area</li> <li>Verify emergency equipment is ready and functional</li> <li>Review hazard signs and place temporary warning barriers</li> <li>Provide spill incident report template to team</li> <li>Upload weather forecast for the shift</li> <li>Confirm first aid kit is well-stocked and accessible</li> </ul>	2M
2. Assemble Cleanup Team	Communication breakdown Inexperienced personnel	4M	<ul style="list-style-type: none"> <li>Conduct a pre-shift meeting to assign roles</li> <li>Ensure all team members have required training</li> <li>Perform a communication test with all team members</li> <li>Assign experienced team members as mentors</li> <li>Document team roles and responsibilities</li> <li>Outline emergency contacts in case of incident</li> <li>Verify all team members understand the plan</li> <li>Distribute contact list among team</li> <li>Confirm all team members are fit for duty</li> <li>Conduct a cold debrief after every shift to gather feedback</li> </ul>	2M
3. Initial Site Safety Assessment	Poor visibility due to weather conditions, Undetected diesel fumes	4A	<ul style="list-style-type: none"> <li>Conduct a visual assessment for obstructions</li> <li>Utilize gas detectors to monitor air quality</li> <li>Implement additional lighting if visibility is poor</li> <li>Ensure all personnel are using appropriate respiratory protection</li> <li>Identify all possible entry and exit points</li> <li>Determine wind direction for safe positioning</li> <li>Maintain continuous radio contact with off-site support</li> <li>Confirm area is clear of trip hazards</li> </ul>	2M

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			Continuously reassess weather conditions Coordinate with local emergency services	
4. Containment of Spill	Spread of diesel, Environmental contamination	3H		2M
5. Communication and Coordination	Miscommunication, Delays in response time	3H		1L
6. Mechanical Cleanup	Equipment malfunction, Physical injury	4A		2M

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7. Manual Cleanup	Exposure to chemicals, Manual handling injuries	3H		1L
8. Waste Disposal	Contaminated waste handling Environmental damage	3H		2M
9. Final Site Inspection	Missed contamination, Overlooked equipment damage	2M		1L

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10. Post-Incident Review	Incomplete documentation, Lessons not learned	2M		1L
11. Decontamination of Equipment	Cross-contamination, Improper cleaning techniques	3H		2M
12. Restock Spill Response Kits	Insufficient supplies, Delayed restocking	2M		1L

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13. Communication with Stakeholders	Stakeholder dissatisfaction, Inaccurate reporting	2M		1L
14. Update Risk Management Plan	Outdated risk controls, Poor communication	2M		1L
15. Team Member Support	Mental health stress post-incident, Burnout	2M		1L

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SAMPLE



## EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

## LEGISLATIVE REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES IF ANY STATE THAT ARE NOT APPLICABLE

### Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

Legislation QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws>

Codes of Practice QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice>

Legislation ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations>

Codes of Practice ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice>

### Victoria

Occupational Health and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice>

### New South Wales

Work Health and Safety Act 2011

Work Health and Safety Regulations 2017

Legislation NSW: <https://www.safework.nsw.gov.au/legal-obligations/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-practice>

### Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <https://www.commerce.wa.gov.au/worksafe/legislation>

Codes of Practice WA: <https://www.commerce.wa.gov.au/worksafe/codes-practice>

### Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulations 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-practice>

### Safe Work Australia Links

Law and Regulation (All States): <https://www.safeworkaustralia.gov.au/law-and-regulation>

Model Codes of Practice: <https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice>

### Model Codes of Practice

- Managing noise and preventing hearing loss at work
- Confined spaces
- Labelling of workplace hazardous chemicals
- Managing risks of hazardous chemicals in the workplace
- Welding processes
- First aid in the workplace
- Managing the risk of falls at workplaces
- Hazardous manual tasks
- Managing the risk of falls in housing construction
- Managing electrical risks in the workplace
- Demolition work
- Excavation work
- Work health and safety consultation, cooperation and coordination
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work

### South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <https://www.safework.sa.gov.au/resources/legislation>

Codes of Practice for SA: <https://www.safework.sa.gov.au/workplaces/codes-of-practice#COPs>

### Tasmania

Work Health and Safety Act 2012

Work Health and Safety (Transitional and Consequential Provisions) Act 2012

Work Health and Safety Regulations 2012

Work Health and Safety (Transitional) Regulations 2012

Legislation for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations>

Codes of Practice for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice>

Details of permits, licenses or access required by regulatory bodies (add or delete as required):

- Permits from local council
- Authorisation to commence work
- Any required documents.