

HYDRAULICS - FLUID ASSEMBLIES SAFE WORK METHOD STATEMENT (SWMS)

Business Contact:	Phone #:	Principal Contractor (PC):
Responsible person (for monitoring SWMS and work):		PC Address:
Signature:	Date:	PC Phone #: Date SWMS provided to PC:
Contact Phone #:		Job Site Address:

SITE MANAGEMENT PLAN	Is the work associated with a Construction Project? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes – This SWMS must align with requirements of the Site Management Plan in place for the Construction Project.
-----------------------------	--------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

THIS WORK ACTIVITY INVOLVES THE FOLLOWING "HIGH-RISK CONSTRUCTION WORK" (HRCW - IDENTIFIED IN THE JOB TASK COLUMN)

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Confined spaces | <input checked="" type="checkbox"/> Mobile plant movement | <input type="checkbox"/> Demolition of a load-bearing structure | <input type="checkbox"/> Asbestos disturbance |
| <input type="checkbox"/> Using explosives | <input type="checkbox"/> Diving work | <input type="checkbox"/> Artificial extremes of temperature | <input type="checkbox"/> Tilt-up or pre-cast concrete |
| <input checked="" type="checkbox"/> Pressurised gas distribution mains or piping chemical, fuel or refrigerant lines energised electrical installations or services | | | |
| <input type="checkbox"/> Structures or buildings involving structural alterations or repairs that require temporary support to prevent collapse | | | |
| <input checked="" type="checkbox"/> Involves a risk of a person falling from 2m or more, including work on telecommunications towers | | <input type="checkbox"/> Work in a ceiling space (W.A. Only) | |
| <input type="checkbox"/> Working at depths greater than 1.5 metres, including tunnels or mines | | <input checked="" type="checkbox"/> Work in an area that may have a contaminated or flammable atmosphere | |
| <input type="checkbox"/> Work carried out adjacent to a road, railway or shipping lane, traffic corridor | | <input type="checkbox"/> In or near water or other liquid that involves the risk of drowning | |

WORKING WITH A RISK OF A FALL OVER 2 METRES. Select the fall from height 'hierarchy of control level' considered when establishing controls:

- | | |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <input type="checkbox"/> L 1: Work on the ground or solid construction | <input type="checkbox"/> L 4: Use a fall arrest system e.g., safety harness, catch platforms |
| <input type="checkbox"/> L 2: Use a passive fall restraint system e.g., guard rails, scaffolding, EWP | <input type="checkbox"/> L 5: Implement administrative controls e.g., signage, or instruction |
| <input type="checkbox"/> L 3: Use a work positioning system e.g., travel restraint, rope access | <input type="checkbox"/> Other? |

More than one of these measures to reduce risk can be used. For example, engineering controls like edge protection can be implemented with administrative controls like training and use of this SWMS, while wearing PPE (non-slip shoes). Please describe why it is not reasonably practicable to use higher-order control measures. E.g. The job is less than 5 minutes on a ladder.

JOB TASK	HAZARDS	IR	CONTROL MEASURES		RR	RESPONSIBLE PERSON
			<i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>			
			<ul style="list-style-type: none"> ○ Use lanyard to attach tools • Ladder use <ul style="list-style-type: none"> ○ Inspect the ladder before use, use and maintain as per manufacturer's instructions and designed purpose. If damaged take out of service immediately and apply LOTO procedures ○ Extension and single ladders are only be used as a means of access to or egress from a work area, NOT as a working platform ○ Established a safety zone around the base of the ladder and cordoned off with barriers ○ The ladder must be set up on a solid and stable surface to prevent the ladder from slipping ○ Ensure platform ladders are: <ul style="list-style-type: none"> ▪ Industrial grade, have a minimum 120kg safe working load rating, good condition ▪ Inspected following manufacturers' instructions, before use ▪ Fibreglass for working around electricity ▪ Ensure the base is fully open and the spreaders are locked ○ When on a ladder, do not over-reach ○ Face ladder when ascending/descending and maintain a firm grip ○ Ensure 3 points of contact remain on the ladder at all times ○ Always maintain the majority of your bodyweight inside the perimeter of the ladder stiles ○ Carry tools and materials in a tool belt or have them passed to you • Ensure that footwear is suitable. Snug-fitting shoes/boots with flat, non-slip soles, no loose soles, long laces, soles that are oily, or caked with mud or other contaminants. 			
	High-pressure injuries	3H	<ul style="list-style-type: none"> • Air tools: <ul style="list-style-type: none"> ○ Training in safe operating procedures and/or operator's manual ○ Pre-inspect all equipment before the commencement of work: <ul style="list-style-type: none"> ▪ DO NOT use any faulty equipment. Remove from service and promptly report all needed repairs. Lockout & tag as required ▪ Compressor guards/covers are in place • Compressed air tools, e.g. Rattle guns: <ul style="list-style-type: none"> ○ Use tools with adjustable torque settings where possible ○ Ensure pressure of the compressed air does not exceed the maximum working pressure of any of the components in use ○ Ensure stable footing and firm hold on tools ○ Keep feet and hands well clear of the impact zone • Cleaning: <ul style="list-style-type: none"> ○ Pressurised air can cause personal injury. When pressurised air is used for cleaning, wear a protective face shield, protective clothing, and protective shoes. 		2M	

JOB TASK	HAZARDS	IR	CONTROL MEASURES		RR	RESPONSIBLE PERSON
			<i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>			
			<ul style="list-style-type: none"> ○ The maximum air pressure for cleaning purposes must be below 205 kPa (30 psi). ⚠ Do not point the hose at other people or use high-pressure air to clean people, clothing and footwear. 			
	Cuts/lacerations	3H	<ul style="list-style-type: none"> • Wear appropriate PPE to limit exposure to cutting hazards • Gloves should be worn if working with sharp or rough edges, (do not use gloves around revolving machinery) • Avoid sharp edges • Do not place hands into areas you cannot see. 		2M	
10. HRCW On completion	Unauthorised access	3H	<ul style="list-style-type: none"> • If acceptable, remove or add barricades • Ensure machine is parked in a safe, level area, clear of unstable or sloping ground • Store the key in a safe place (restrict unauthorised access). 		2M	Supervisor to confirm all workers have signed out Workers to comply with controls
	<ul style="list-style-type: none"> • Electric shock • Electrocution 	4A	<ul style="list-style-type: none"> • Re-energising equipment/apparatus ensure: <ul style="list-style-type: none"> ○ Only competent, authorised employees undertake the task ○ Effective supervision maintained ○ Ensure all work has been completed and is safe • Safeguards have been removed, • Carry out tests to confirm operation (no leaks/loss of pressure) 		2M	
	Security breach	3H	<ul style="list-style-type: none"> • All personnel sign-out on Site Register. 		2M	
	Vehicle/people impact	4A	<ul style="list-style-type: none"> • Stay to designated access and egress routes • Maintain awareness of surroundings. 		2M	
11. Emergency response	<ul style="list-style-type: none"> • Injury • Fatality • Environmental damage 	4A	<ul style="list-style-type: none"> • For police, fire or ambulance call '000.' • Follow site emergency and evacuation procedures • A communication system is available, e.g. a mobile phone or radio • Check for dangers to self before helping others • Maintain control of the area and stabilise the situation • Apply first aid to the injured worker • Complete an incident report. 		2M	Supervisors and workers ensure controls followed
	<ul style="list-style-type: none"> • Environmental harm • Contact with hydraulic fluid 	3H	<ul style="list-style-type: none"> • Emergency response –Hydraulic fluid spill: <ol style="list-style-type: none"> 1. Stop the source of the spill or leak or release <ol style="list-style-type: none"> a. If that is not possible & it is safe to do so - stop the spill or release from spreading 2. Wear appropriate PPE to avoid contact with skin and eyes 3. Clear the area. Check that other working close by are made aware of the spill. 		2M	