

OPENSORE

Risk Assessment Ditchwitch FX30



Hazards Requiring Attention:

0

AS AT

Wednesday, 11 February 2026

Next Review

Thursday, 11 February 2027

Total Hazards Recorded

29

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

27

Low Risk Hazards

1

Risk Matrix - Refer Procedure Risk Management

Probability	Low	Minor	Moderate	Major	Critical
Negligible	L2	L3	L4	M5	M6
Unlikely	L3	L4	M5	M6	H7
Possible	L4	M5	M6	H7	H8
Likely	M5	M6	H7	H8	E9
Almost Certain	M6	H7	H8	E9	E10

Ditchwitch FX30

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Controls	4	4	H8	All controls are in easy reach and are clearly identified	1	4	M5
Operation	Control Labels	5	4	E9	Maintain clean control labels on levers, buttons etc	1	4	M5
Operation	Emergency & General Hazards	4	4	H8	Dead man control, called emergency stop. If lever is activated, all functions stop. Training on correct use of vac unit and knowledge of Work Method Statements	1	4	M5
Operation	Operation – ROPS label	3	4	H7	The warning label must not be damaged. It must be legible at all times	1	4	M5
Operation	Operation – ROPS seatbelt label	3	4	H7	Seatbelts must be worn when operating machinery, the label must be legible at all times	2	4	M6
Operation	Operation – Electrical approach distances	4	5	E9	Safe distances must be adhered to strictly. Correct training needed for plant. Labels must be legible at all times. Spotters are required when working within 5 metres of the minimum approach distance of any live electrical apparatus	1	5	M6
Operation	Operation – electrocution and explosion	4	5	E9	Never break ground without DBYD plans	1	5	M6
Operation	Operation – Hearing loss	4	4	H8	Correct PPE must be worn	1	4	M5
Operation	Operation - Hydraulic Hose Failure - Collision Injury	3	5	H8	Operators must ensure fittings for hoses have been correctly secured and installed	1	5	M6
Operation	Vacuum Tank - Explosive Release	3	5	H8	Care must be taken when opening rear door. Pressure must be released and that persons stay well clear of the door	1	5	M6
Operation	Operating Lance	4	4	H8	All operators must be trained in the use of the plant and used in accordance with manufacturers instructions	1	4	M5
Operation	Emissions To Air	3	4	H7	Do not work around exhaust emission for 8 continuous hours.	2	4	M6
Operation	Thermal Hazards	4	4	H8	All heat affected panels and components are shielded from accidental contact	1	4	M5

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Lifting Machine - Crush Hazard	3	5	H8	Machine permanently fixed to truck bed.	1	5	M6
Operation	Trailer System - Catastrophic Failure	4	4	H8	Truck must comply to national road regulations including Rego and HVAIS. Operators must use parking brake when necessary	1	4	M5
Equipment Design	Design compliance - Burns	4	4	H8	Engine exhaust is fitted out of reach to avoid injury	1	4	M5
Equipment Design	Design compliance – collision	4	5	E9	Safety beacon is fitted	1	5	M6
Equipment Design	Design compliance – Entrapment	4	5	E9	There are two operator exits. These must be accessible at all times	1	5	M6
Equipment Design	Design compliance – incorrect operation. Intuitive controls	4	4	H8	Maintain plant at all times	1	4	M5
Equipment Design	Design compliance – slipping. Access/Egress	4	4	H8	Safe access/egress to work area must be maintained at all times	1	4	M5
Equipment Design	Design compliance – burns, electric shock	4	5	E9	The constraint and cover must be present and fully functional at all times	1	5	M6
Equipment Design	Design compliance – poor visibility	4	4	H8	Lights must be fully functional. If they fail work must cease immediately	1	4	M5
Maintenance	Maintenance – incorrect operation	3	4	H7	Machine must only be serviced in accordance with the service manual. Make sure daily service points are clearly marked and warning signs are fitted Manufacturers Manual must be available at all times. JSEA must be completed daily	1	4	M5
Maintenance	Maintenance – operational malfunction	3	4	H7	Maintain service and maintenance records. Conduct regular inspections	1	4	M5
Maintenance	Maintenance – operational malfunction	3	4	H7	Minor leaks must be fixed within 14 days. Pre start checklists must be completed to avoid major and minor leaks	1	4	M5
Transport	Transport - Vehicle accidents and breakdowns	3	3	M6	Complete Daily Plant & Equipment Checklist. Ensure vehicle is roadworthy. No alcohol or drugs to be used. Ensure correct license is held	1	3	L4

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		Inherent Risk				Residual Risk		
Transport	Transport - Hit by traffic on site	3	4	H7	Vehicles must have reversing beeper, hazard lights and/or strobes / rotating yellow beacon lights activated in areas required onsite.	1	4	M5
Transport	Transport - FX30 falling off truck	3	5	H8	Check the fixture bolts for rust, corrosion, damage daily	1	5	M6