

OPENSHORE

Risk Assessment Ditch Witch JT3020AT

Hazards Requiring Attention:

0

AS AT

Wednesday, 11 February 2026

Next Review

Thursday, 11 February 2027

Total Hazards Recorded

14

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

14

Low Risk Hazards

0

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

Ditch Witch JT3020AT

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Controls - Difficulty of Use	4	4	H8	All controls are within easy reach of the operator and all controls are clearly identified using ISO symbols and markings. All control functions are clearly marked in the operators handbook. The operators seat is ergonomically designed for operator comfort	1	4	M5
Operation	Controls - Accidental Operation - Collision	4	5	E9	The total control of the machines is subject to the dead man control switch being activated, once released the machine and all functions stop. Operational interlocks fitted that are activated by either a dead man switch and/or location and position of controls. Detented controls are identified and referred to in the instruction manuals	1	5	M6
Operation		3	4	H7	The warning label must not be damaged. It must be legible at all times	1	4	M5
Operation		3	4	H7	Seatbelts must be worn when operating machinery, the label must be legible at all times	1	4	M5
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	Units are powered by small diesel engines with the exhaust outlets located facing away from the operating position. Correct PPE must be worn	1	4	M5
Operation	Operation - Hydraulic Hose Failure - Collision Injury	4	4	H8	Between the hydraulic pump and the controls and hydraulic cylinders is either steel hydraulic lines and fittings or SAE rated flexible hoses and fittings. Operators must ensure fittings for hoses have been correctly secured and installed	1	4	M5
Operation	Drilling Heads & Pipes - Operator Injury	3	4	H7	Operator has clear visibility of the operation when feeding drilling pipes to the drilling head. Cam lock type pressure hose connectors are used and simply engaged and secured.	1	4	M5
Operation	Drilling Pipes - Strike Injury Resulting From falling Pipes	4	4	H8	All drilling pipes are secured in a rack located along the top of the machine and positioned for ease of feed to the drilling head. They are prevented from falling from the rack and thus minimize the opportunity of injury to the operator.	1	4	M5
Operation	Emissions To Air	3	4	H7	Do not work around exhaust emission for 8 continuous hours.	1	4	M5
Operation	Thermal Hazards	4	4	H8	All heat affected panels and components are shielded from accidental contact	1	4	M5
Operation	Lifting Machine - Crush Hazard	3	5	H8	All machines have clearly identified lifting points	1	5	M6
Equipment Maintenance	Maintenance – incorrect operation	3	4	H7	Machine must only be serviced in accordance with the service manual. Daily service points are clearly marked and warning signs are fitted	1	4	M5