

OPENSHORE

Risk Assessment

DFE 2000 Recycle Unit



Hazards Requiring Attention:

0

AS AT

Wednesday, 11 February 2026

Next Review

Thursday, 11 February 2027

Total Hazards Recorded

20

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

2

Low Risk Hazards

18

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

DFE 2000 Recycle Unit

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Not understanding the specific hazard and control methods used	3	4	H7	Only trained, competent and authorised persons are allowed to operate the equipment. DO NOT operate the equipment if you are under the influence of drugs or alcohol. Read the risk assessment and ensure you understand the specific hazards. Read the operators manual.	2	2	L4
Operation	Faulty UHF radio	3	3	M6	Before operating plant complete a plant safety inspection. Record any faults. Check the UHF radio is working correctly. If faults are found report the issue to your supervisor and ensure other means of communication is provided before commencing work.	1	1	L2
Operation	Entanglement in moving or rotating equipment – motor etc.	3	4	H7	DO NOT wear loose or torn clothing when operating completing maintenance of the unit. Beware of hand and finger placement. Sever injury can occur. When inspecting the unit ensure the switches are tagged out and locked If the unit must be energised to inspect ensure that a spotter is used and available at the stop switch	3	1	L4
Operation	Lifting of Body Removal of Guards	3	4	H7	Complete daily plant inspection check for faults. Record any faults and report the issues to your supervisor. Ensure equipment switched off and tagged prior to repairs Do not put any tools into moving beds.	2	2	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Slips and trips Tie down points	3	4	H7	All safety guards must be in place and in good condition. Beware of your surrounding when operating the generator. Replace any damaged or faded safety decals.	2	2	L4
Operation	Hydraulic Rams Load Bearing Pins	3	4	H7	Routine maintenance as per manufacturer specifications within the operator's manual. Daily greasing of moving parts as per manufactures specification. Correct usage of plant. Proactive maintenance. Only trained, competent and authorised persons are allowed to complete maintenance on the unit. Check all safety pins and arms. Ensure the pins are in good order and working as intended.	2	2	L4
Operation	Drive motor Rock between beds Bearings	3	4	H7	Routine maintenance as per manufacturer specifications within the operator's manual. Correct usage of plant. Proactive maintenance. Daily greasing of moving parts as per manufactures specification. Only trained, competent and authorised persons are allowed to complete maintenance on the unit.	2	2	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Mud Hose and Motors failure	3	4	H7	Daily Pre start Checklist must be completed to identify any faults with the equipment before commencing work. Only trained, competent and authorised persons are allowed to complete maintenance on the unit. All maintenance completed on the unit must be documented using the service history form. Hose to be installed inside safety sock and secured to machine.	2	2	L4
Operation	Electric shock from 12/24 Volt System on Machine	3	4	H7	Only trained, competent and authorised persons are allowed to perform maintenance on the unit. Before commencing maintenance on the unit ensure the isolation process has been completed	2	2	L4
Operation	Ingress and egress from deck	3	4	H7	All safety guards must be in place and in good condition. When entering or exiting the unit ensure you have three (3) points of contact. Beware of your surrounding when operating the unit. Keep the unit clean and tidy. Replace any damaged or faded safety decals	2	2	L4
Operation	Replacement of competents	4	3	H7	Preferred use of mechanical handling devices to load/unload the unit due to height.	3	1	L4
Operation	Waether Conditions - Extreme Heat, Cold , Rain, Lightning	3	5	H8	Ensure your personnel protective equipment is in good condition. UV Protection Follow all safety processes, including cessaation of work, in the event of extreme weather	3	1	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Operation	Mud Agent	3	3	M6	Current MSDS available for machine maintenance. Spill kits on site at hand. Containment area around machine. PPE wearing of protective clothing, gloves and safety glasses.	3	1	L4
Operation	Working at Heights - Work Platform	3	5	H8	Fall protection (harness) to be used when operating on truck bed. Operation at ground level if possible.	3	1	L4
Operation	Unsound Practices of Lifting Using incorrect or non-rated chains and slings	3	5	H8	Check the lifting equipment ensure there in no damage or faults. If faults are found do not use the equipment, tag the equipment OUT OF SERVICE and report the issue to your supervisor. Do not exceed rating for sling or chain. Attach chains to lift points only. Do not exceed manufactures speciation for safe working load (SWL). Shortest lift as possible. Exclusion zone of 10 meters must be maintained for all unauthorised persons when lifting equipment. Use lanyard for guiding load into place. Register for lifting gear. Replace any worn cloth slings	3	1	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
		Inherent Risk				Residual Risk		
Equipment Design	Design compliance - Manufacturers Instructions	4	4	H8	Read and understand all of the safety precautions and warnings before performing any repair. This list contains the general safety precautions that must be followed to provide personal safety. Special safety precautions are included in the procedures when they apply. Work in an area surrounding the unit that is dry, well lit, ventilated, and free from clutter, loose tools, parts, ignition sources and hazardous substances. Be aware of hazardous conditions that can exist. Always wear protective glasses and protective shoes when working. Rotating parts can cause cuts, mutilation or strangulation. Do not wear loose-fitting or torn clothing. Remove all jewellery when working	2	2	L4
Equipment Maintenance	Maintenance – incorrect operation	3	4	H7	Manufacturers Manual must be available at all times. Pre-start completed daily	3	1	L4
Equipment Maintenance	Maintenance – operational malfunction	3	4	H7	Maintain service and maintenance records. Conduct regular inspections	3	1	L4
Transport	Transport - Crushing injury or body injury from working near plant or machinery	3	5	H8	Ensure correct machinery unloading process is followed and that it is undertaken by a competent person.	1	5	M6
Transport	Transport - generator falling off transporter	3	5	H8	Inspect transporting lugs for wear and tear. Check chains are tight and dog secured whenever loading machinery onto transporter	1	5	M6