



ATM-RISK ASSESSMENT

TASK:	Use of Mobile Chippers	RA No:	ATMRA2020/024				
EQUIPMENT / MATERIALS USED	Mobile Chipper, Trailer, Wagon, Landrover						
PERSONS AT RISK:	CHIPPER OPERATOR, PERSONS IN THE VICINITY, OTHER EMPLOYEES, CONTRACTORS, VISITORS, MEMBERS OF THE PUBLIC. (All operatives or teams of operatives are to ensure that the daily on-site risk assessment is completed prior to commencing any work on site.)						
HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Injury from contact with moving parts Entrapment, entanglement, Serious injury, fatality	5	3	15	<p>This machine is only to be operated by competent operators.</p> <p>All plant and machinery shall be subject to routine inspection and maintenance in accordance with Provision and Use of Work Equipment Regulations (PUWER). Faulty or damaged equipment that may cause harm shall not be used.</p> <p>Guards must be in place whilst the machine is running and all safety features must be checked, to ensure that they are in working order prior to use.</p> <p>Ensure that the machine is sited on firm ground and ensure that the surrounding area is kept tidy.</p> <p>Ensure that the handbrake is engaged and the wheels are chocked before operations commence.</p> <p>Ensure that hands are not placed inside the feeder chute.</p> <p>If materials become stuck, jammed or lodged in the machine, switch off the machine before attempting to clear any blockages. Wait until the flywheel has stopped and the machine is at rest. Open the flywheel cover and remove any lodged items.</p> <p>Loose clothing must not be worn when operating this equipment.</p>	5	1	5

ATMRA2020/024	Original Author:	Rob Whamond	Date:	01-06-2021
	Reviewed By :	Dale Nelson	Next Review Date:	01-06-2022
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = RISK)		Use the table below to indicate whether the Residual Risk Rating is:		
Severity of Outcome; 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible. Likelihood of Harm; 5 Almost Certain, 4 Very Likely, 3 Fair Chance, 2 Remote, 1 Very Unlikely.		1 – 6 = Low Risk		Page 1 of 3
		7 – 11 = Medium Risk		
		12+ = High Risk		



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Injury from flying debris Cuts, abrasions, eye injuries	4	3	12	<p>Site the machine where exhaust fumes can vent into clean air.</p> <p>Ensure that the materials to be chipped are free from debris such as stones and metal</p> <p>Operators will be required to wear eye and hearing protection whilst using this equipment. They are also to ensure that they wear a safety helmet that is up to the EN397 standard.</p> <p>The machine should be positioned in such a way as to reduce the risk of chippings being blown back towards the operator, other personnel or on to roads or live traffic routes.</p> <p>If chipping near or adjacent to overhead power cables, these cables must be considered live at all times. It is important that all material must be cross cut so that when it is lifted, the tips of the branches cannot breach the safety zone around the line. Safety zone for low voltage line is to be set at 2 metres</p>	4	1	5

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	S	L	RL		S	L	RL
Risk of Fire during re-fuelling operations Burns, serious injury, fatality	5	3	15	See ATMRA020/89 Re-fuelling of equipment.	5	1	5
Handling Chipping Components & Knives Cuts, abrasions	3	3	9	If during maintenance chipping components or knives are to be handled, appropriate gloves are to be worn.	3	1	3
Machine moving / falling during transit Cuts, abrasions	5	3	15	Ensure the stability of the trailer before loading and unloading Ensure that the machine is secured to the trailer or wagon bed prior to moving off. Ensure that the trailer is correctly connected to the vehicle where appropriate. All drivers carrying out this operation should be competent not only to drive but also to drive whilst towing a trailer.	5	2	10
Woodchip Dust Exposure	2	3	6	Task specific RPE Arisings to be discharged away from work force, other site operatives and the public. Where possible the arisings shall be discharged directly into the vehicle that shall remove it from site. Operatives to be mindful of wind direction, Do not discharge arising's into prevailing wind. Where Exclusion zones may need to be adjusted during chipping operations to maintain protection of other operatives onsite and the general public. Operatives operating, feeding and working in close proximity to woodchippers in operations shall wear RPE in the form of FFP3 masks as a minimum.	2	1	2

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