



ATM-RISK ASSESSMENT

TASK:	Controlled Felling by Assistance or Winch or HIAB Arm	RA No:	ATMRA2020/007				
EQUIPMENT / MATERIALS USED	Tractor and Winch and Bandit						
PERSONS AT RISK:	TRACTOR DRIVER / WINCH 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
Failure of winch rope and lifting gear Serious injury, fatality	5	3	15	Ensure that all lifting equipment is marked with its safe working load and that the equipment is used within the operating limits in accordance with manufacturer's instructions/specifications. Ensure that all lifting equipment and lifting gear, have been subject to a statutory inspection in accordance with The Lifting Operations and Lifting Equipment Regulations and LOLER (12-month thorough examination for lifting equipment, 6-month thorough examination for lifting accessories or equipment for lifting persons – both to be carried out by a competent person) Only competent operators are to carry out this type of operation Ensure that all equipment to be used during this type of operation is inspected prior to use. Any damaged ropes are to be spliced by a competent person or replaced. The winch unit is to be appropriately inspected and guarded. Winch ropes are to be subject to appropriate visual thorough inspections and appropriate action taken on replacement as required.	5	1	5
Overturning/stability Serious injury, fatality	5	3	15	Only competent operators are to operate any machinery Ropes and chokers are not to be trailed when driving	5	2	10

ATMRA2020/007	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) 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.		Use the table below to indicate whether the Residual Risk Rating is: <div style="text-align: right;"> 1 – 6 = Low Risk 7 – 11 = Medium Risk 12+ = High Risk </div>		
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HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Tree falling on to highway Serious injury, road traffic accident, fatality	5	3	15	<p>Site conditions are to be assessed prior to any operations being carried out. This will be done to identify any specific risk of trees falling on to highways or footpaths, or into water.</p> <p>Where possible ATM shall priorities the use of mechanical felling techniques and equipment to reduce the related risks.</p> <p>The site survey shall also include the condition of the tree/s, their stability and ground conditions and the strength of the roots.</p> <p>If working or felling near to public highway, trees will be individually assessed and appropriate measures taken to prevent any risk of the tree falling onto the carriageway.</p> <p>Height reduction measures should be further undertaken if it is not possible to completely remove the risk of the tree potentially encroaching on the carriageway.</p> <p>Alternatively, or additionally, appropriate traffic management measures will be put in place to ensure that any encroachment or potential encroachment on the carriageway does not present any risk to live lanes, passing traffic or other road users.</p>	5	1	5
Falling Trees Striking People Serious injury, fatality	5	3	15	<p>Where any work of this nature is to take place in an open/public area, or in an area likely to be visited by none-site personnel, ensure that the surrounding area is cordoned off and that warning signage is conspicuously displayed, warning of the dangers associated with the work, prior to any work commencing.</p> <p>The Site supervisor and ground-based operatives shall maintain contact with the operative carrying out the felling to ensure works is stopped if members of the public stray too close to the working area.</p> <p>During directional felling operations, operators are to maintain a safe distance of two tree lengths, from the tree being felled.</p> <p>All ATM operatives are to ensure that the company's standard PPE is being worn for the task, including high visibility clothing and hard hat.</p> <p>Pre-arranged signals and safe operating parameters to be set and understood by all operatives involved in this task prior to any operations commencing.</p>	5	1	5

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	S	L	RL		S	L	RL
Slips, Trips and Falls Cuts, abrasions	3	3	9	<p>All staff are to take care when working on any uneven ground or adverse weather conditions. Any such hazards should be highlighted during the on-site risk assessment process and all operatives reminded of the possible hazards that may exist.</p> <p>Operatives shall be required to wear suitable safety footwear when completing work activities and ensure they keep their footwear free from muck build up, to maintain good grip.</p> <p>Ensure that all materials are cleared away from access and egress areas</p>	3	2	6

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