











Risk Assessment

In accordance with the Health and Safety at Work Act 2015

Ref No 3:4
Date of Issue
January 2020

Task	Ride On Zero Turn Mowing	Location	Various
Name of Assessor	Michael O'Keefe		
Job Title	Owner/operator		
Signature		Review Date	10th January 2020
Review Details (Reviewed following change in equipment, activity or incident, or as a minimum on an annual basis)			
Name		Review Date	
Name		Review Date	
Name		Review Date	

Persons at Risk									
Operatives	Public /Visitors	Other Contractors							
Y	Y	Y							
Operative PPE requirements for this operation									
									
Safety Boots	Coveralls	Gloves	Eye Protection	Hearing Protection	Face Protection	Hard Hats	Hi Viz Vest/ Clothing	Dust Mask	Wellington Boots
Y	Y	Y	N	Y	Y	N	Y	N	N
Specific PPE comments or requirements Coveralls means uniform/ clothing, Gloves when fuelling, adjusting or cleaning, Face protection when washing off or cleaning									

Estimated Level of Risk (Based on Findings)		
Low (1-4)	Medium (5-12)	High (13-25)
Yes		

Emergency Details			
Nearest A & E:	Cromwell Medical Centre	Telephone No:	03 445 1119
Supervisor Name:	Michael O'Keefe	Telephone No:	021 082 46643



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Severity of Outcome		Rating Given			Likelihood			Rating Given		
First Aid injury or minor property damage		1			Highly Unlikely			1		
Minor injury or property damage		2			Unlikely			2		
Potential lost time injury or short term ill health		3			Medium			3		
Major illness or injury		4			Likely, may occur regularly			4		
Fatal or disabling injury or serious ill health		5			Highly Likely, certain or almost certain to occur			5		

Apply a rating to both likelihood and severity and then multiply together to give actual risk rating of a particular hazard

Hazard	Risk	L	S	R	Control Measures	L	S	R	Further Action Required
Defective Equipment	Defective equipment present a risk of injury	3	5	15	<p>Before use, carry out and record daily safety checks of machines, pay specific attention to safety devices such as seat switch, handbrake etc. Daily checks to include the inspection of drive belts to ensure integrity.</p> <p>If thought to be defective at any time, cease use of machine and attach a defect tag to isolate from use and report any defects to your Supervisor</p> <p>Ensure machines is regularly serviced in accordance with manufacturers recommendations, every 100 hrs</p>	1	3	3	
Loss of control or poor operation	These machines are dangerous under the control untrained or unfit operators	3	5	15	Operatives to be fully trained and competent in the use of this type of machinery.	1	5	5	
Moving Blades	Risk of cuts to hands and fingers, trapping of hands and feet in moving blades	4	4	16	<p>Only trained operatives to use the equipment.</p> <p>Never operate machine without all guards in place.</p> <p>Never place hands into the danger zone, under cutting deck.</p> <p>Never place hands on blade or in the blade area even during maintenance</p> <p>If cutting deck becomes blocked then use push stick or similar to remove material, never use your hands.</p> <p>Be careful when handling the deck generally to avoid the blades and potential sharp edges on the deck.</p>	1	4	4	
Hot Engine/ parts	Burns to hands from hot engine and exhaust system	3	3	9	Keep hands clear from engine, drive belts and pulleys hydraulic system and exhaust, even after use.	1	3	3	



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Hazard	Risk	L	S	R	Control Measures	L	S	R	Further Action Required
Refuelling/ storing petrol	Contact with harmful substance, Fire, Theft and Risk of pollution	3	3	9	<p>Ensure operatives are briefed on the use of petrol and aware of H&S (Hazardous Substances) Regulations 2017</p> <p>Wear gloves when handling diesel</p> <p>Store diesel in safe jerry can only.(max size 20lt)</p> <p>Secure fuel cans when not in use</p> <p>Refill machines on level ground when machine has cooled</p> <p>Do not overfill machine</p> <p>Clean up all spillages, however small to avoid slip hazard or ground contamination</p>	1	3	3	
Noise	Excessive noise exposure may contribute to Noise induced hearing loss	4	4	16	<p>Report defective equipment and cease use immediately.</p> <p>Wear hearing protection of minimum Class 4.</p>	1	4	4	
Loading and unloading	Risk of machine slips during loading and unloading operations	3	4	12	<p>Only competent operatives to drive the machine at any time</p> <p>Only load onto beavertail vehicles or standard trailers, do not transport on tipper body vehicle.</p> <p>Ensure that tailgate is secure and do not exceed 20 degrees in angle.</p> <p>Ensure that tailgate/ ramp can easily support the weight of the machine.</p> <p>Drive the vehicle backwards up the ramp and forwards down the ramp.</p> <p>Operate the machine slowly and without sudden movements.</p>	1	4	4	
Site / Work environment Hazards Site surface hazards	Outdoor sites beyond the control of the company may have slip, trip or fall hazards, such as damaged surfacing/ edgings, manholes and inspection covers, build ups of debris or algae or uneven ground conditions that could lead to slips and trips that result in injury	3	4	12	<p>When working out on sites remain vigilant of site surroundings; Do not walk or work from damaged or defective paving.</p> <p>Do not stand on manhole covers, inspection covers or temporary surfacing as they may give way underfoot.</p> <p>Do not walk backwards as this increases the chances of trips and slips</p> <p>Do not run on site, unless in an emergency, as this also increases the risk of falls and trips.</p> <p>Do not attempt to repair site defects unless you are trained, competent and authorised to do so.</p>	1	4	4	All site defects or damage of this type to be reported as a near miss to enable action to be taken to make safe. Near misses to be reported to your Manager using the pads provided.

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Site / Work environment hazards. Un expected obstacles, obstructions and on site debris	Risk of injury or ill health as a result of trying to attempt or move items that may be in the way; fallen branches, fly-tipped material, damaged or fallen headstones, damaged fencing or other materials.	2	4	8	<p>Do not lift or attempt to move items which are too heavy to lift – (greater than 15kg)</p> <p>Do not move items that could be thought to be heavy, hazardous or harmful without the necessary risk assessment being conducted. In all cases report the matter to your Supervisor and wait for instruction before moving or handling materials or items.</p> <p>Do not move or disturb items that may belong to others or that may be have been damaged, report all cases to your supervisor to allow the client to be informed and await further instruction.</p> <p>Do not attempt to repair or replace items on site unless you are trained, competent and authorised to do so.</p> <p>Removal or handling of heavy or difficult items to be subject to a separate manual handling risk assessment</p>	1	4	4	Report all incidents of hazardous or difficult obstacles / obstructions as a near miss and return the near slip to your Manager for action and recording.
Slopes	Machines may slip on slopes or banks due to poor traction of roller drives	2	4	8	<p>When operating on slopes that are thought to be at 15 degrees or higher, conduct a site specific assessment to ensure that the machine is suitable to maintain the area.</p> <p>Do not operate zero turn mowers on slopes above 20 degrees</p> <p>Do not operate machines above vertical drops, including retaining walls or above busy highways, footways or steeper inclines.</p> <p>Ensure ROPS frame is in place, intact and the seatbelt is worn at all times</p> <p>Do not over inflate tyres as this reduces traction.</p> <p>Do not operate rotary mowers when wet grounds conditions cause the machine to sink into the ground or to lose traction on the surface.</p>	1	4	4	
Injuries to others/ members of the public	Members of the public, particularly children or animals may not understand or recognise the risk of using equipment	2	4	8	<p>Carry out work when areas are not busy.</p> <p>Never leave equipment running when unattended.</p> <p>If approached or confronted with people or animals, switch off immediately.</p>	1	4	4	
Maintenance and cleaning activities	Contact with biological hazards when cleaning used equipment Risk of injury form maintenance tasks	2	3	6	<p>When washing equipment, ensure gloves, water proof clothing and face protection is worn to avoid contamination from biohazards, contaminants</p> <p>Only competent persons to maintain machines.</p> <p>Maintenance to be carried out in accordance with manufacturers recommendations (operators manual)</p>	1	3	3	