



Risk Assessment – Use of Ride on Rollers.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0047
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Operation:	Use of Ride on Rollers.			Persons at risk:	Employees, 3 rd parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Overtuning.	4	4	16	Only to be used by competent operatives with current training certification. Machine to be fitted with roll over protection system (ROPS) and operator restraint also to be worn. Rollers will not work on inclines greater than those recommended by the manufacturer, nor immediately adjacent to excavations, dykes, ponds, rivers, lakes or railways unless a physical barrier or stop-block is placed to prevent entry. Rollers to be used at a safe distance from the edge when used to compact road formations on top of batters. Not to be travelled over fixed and/or raised obstacles.	4	1	4
Contact with pedestrian traffic.	4	3	12	Keep speeds low on site and/or public roads. Operatives on site or working adjacent to rollers to wear hi-visibility clothing. Non-essential personnel to avoid work area. Amber beacon to be in operation at all times and audible reversing horn to be operational.	4	1	4
Contact with other vehicles.	4	3	12	When entering/leaving site give priority to non-site traffic. A banksman to be used when entering/leaving a site entrance. Machine condition to be checked on arrival on site by Supervisor and any damage/defects to be reported with machine removed until serviceable.	4	1	4
Exposure to vibration. (HAVS)	3	3	9	Manufacturer’s guidance on exposure times to vibration to be adhered to. Machine to be maintained in accordance with manufacturer’s recommendations in order to minimise vibration output.	3	1	3
Excessive Speed.	4	4	16	All drivers, vehicles will obey the site-specific speed limits and will obey vehicle and pedestrian signage.	4	1	4
Reversing.	4	4	16	Minimise the need for reversing operations. Keep personnel clear of areas where vehicles need to reverse. Provide markings to guide drivers. Ensure that banksman is used when reversing. Ensure rotating beacons, reverse alarms and reverse cameras are used and are all in working order.	4	1	4
Parking.	3	3	15	Vehicles should be parked in designated parking bays. Reversing into bays is preferred wherever possible to make exiting the bay safer. Do not obstruct vehicle or pedestrian routes and it must be safe to enter/exit the vehicle.	3	1	3



Likelihood →	Likely (5)	Probable (4)	Possible (3)	Unlikely (2)	Very unlikely (1)
↓ Severity					
Death (4)	20	16	12	8	4
Major Injury (3)	15	12	9	6	3
Minor Injury (2)	10	8	6	4	2
No Injury (1)	5	4	3	2	1

KEY: S = Severity
L = Likelihood
R = Risk rating

12-20 High risk
8-10 Medium risk
1-6 Low risk

PPE Required:

Hard hat	Y
High vis clothing & boots	Y
Eye/ ear protection	As necessary
Suitable gloves	Y
Respiratory equipment	As necessary
Safety harness	As necessary

Risk assessment to be reviewed every 12 months or following an accident / incident.