


HAZARD / WORK ACTIVITY ASSESSED	Road Surfacing Plant
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Hazard (something with the potential to cause harm)	Risk rating prior to control			Who may be harmed					Control Measures	Risk rating after control		
	Severity	Probability	Risk	Operator	Employee	Visitor	Public	Sub-cont		Severity	Probability	Risk
Moving vehicles – striking operatives	4	2	8	x	x		x		Correct signing, lighting and guarding to be set out by fully trained personnel to comply with NRSWA (chapter 8)	4	1	4
Surface plant – striking operatives	4	2	8	x	x				High vis clothing to be worn at all times and all drivers of machinery to be informed of personnel working in same areas.	4	1	4
Traffic – contact with the public	4	2	8				x		All necessary safety zones and lighting requirements to be incorporated into signing, lighting and guarding as per code of practice.	4	1	4
Noise emissions from vehicles – damage to ears	2	2	4	x	x				Ear protection to be worn at all times.	1	2	2
Fire / explosions – burns	4	2	8	x	x			x	Fire extinguishers to be provided for each item of surfacing plant and all operatives instructed on how to use them.	4	1	4
Moving parts of machines – operatives being caught	4	2	8	x	x				Only trained personnel to operate machines, all other personnel to be kept away from works area.	4	1	4
Pedestrians – injury to	4	2	8				x		All pedestrian walk ways to be clearly signed and guarded and safety zones maintained.	4	1	4
Bituminous substances – contact with	2	3	6	x	x			x	Safety gloves, safety boots, overalls and masks to be worn.	1	3	3

SAFETY METHOD STATEMENT

1. Traffic control will be planned with Local Authority and Police.
2. First-aid, welfare and emergency requirements reviewed, and the information passed to operatives.
3. Safe pedestrian routes will be planned as appropriate.
4. COSHH, manual handling, PPE & noise assessments will be reviewed, and the information passed to operatives.
5. All personnel on site, including visitors to wear high visibility clothing.
6. Guards on moving parts must remain in place whilst machines are in motion.
7. Tools and equipment should not be left on or in working areas of plant.
8. At the end of work machines must be secured.
9. Only authorised personnel shall operate machines.
10. Safety zones to be set up between plant and moving traffic.
11. Continual monitoring of work progress and traffic control systems is required.
12. Traffic and pedestrian controls will be checked at the end of each work period and working day.

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Severity	Probability	Risk Rating		
1 No Injury, property damage	1 Very Unlikely	Severity X Probability = 1 to 5	Low	Y – acceptable risk, work can start
2 Minor Injury	2 Unlikely	Severity X Probability = 6 to 14	Med	Y or N – may need further consideration
3 +3 Day Absence	3 Likely			
4 Major Injury	4 Very Likely	Severity X Probability = 15 to 25	High	N – Unacceptable risk Do not start work
5 Death	5 Virtually Certain			