

Task/Activity: RA15 - Working alongside a mechanical paving machine	Date assessment completed: 31/1/2023	Review Date: 31/1/2026
Brief Details of Task/Activity Laying bituminous materials with a mechanical paving machine	Assessment completed by: Sean Croudace	Signature:

What are the hazards? e.g. slip/trip hazards, electricity, manual handling, work equipment	Who might be harmed and how? e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...	What are you already doing to control the hazard?	What further action or additional controls are required (if necessary)	Risk rating (after control measures)	Action by who	Action by when	Date completed
R.T.C with other road users.	Employees and the public. Fatality, major/minor injuries, broken limbs, cuts and bruises	Traffic management controls to Chapter 8 of the Traffic Signs manual. Correct PPE to be worn (SEE PPE LIST 1) Regular servicing and Daily safety checks carried out by the user on all machinery and all faults are to be reported immediately and replaced/repared as necessary Operators to have a safe working area, and correct training. Qualified persons only to use equipment. Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.	Maintain operative/supervisor NRASWA/City and Guilds Chapter 8 Signing and Guarding training. Check PPE is being worn as advised and replace as necessary.	E			

What are the hazards? e.g. slip/trip hazards, electricity, manual handling, work equipment	Who might be harmed and how? e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...	What are you already doing to control the hazard?	What further action or additional controls are required (if necessary)	Risk rating (after control measures)	Action by who	Action by when	Date completed
Working adjacent to overhead and underground services.	Employees	Service drawings, Cable avoidance tool used to identify and locate services. Hand dig to expose any known services Pre commencement site checks identifying overhead hazards Banksman facilitating all unloading of wagons when adjacent overhead lines.	NRASWA City and Guilds Cable Avoidance certification maintained.	E			
Very hot(greater than 100 degrees Centigrade) bitumen based materials	Employees Burns, skin disorders	Experienced operatives. Correct and appropriate PPE. (SEE PPE LIST 1). All boots to have 300degree Centigrade soles, when bleeding out operatives to take turns to avoid overexposure to heat. Correct training and appropriate P.P.E (SEE PPE LIST 1). Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary. Eyewash available on all sites replenished as necessary. Regular maintenance of equipment by competent person. Appropriate control measures to isolate power/gas supplies.	Ensure PPE is being worn as advised and replace as necessary.	E			

What are the hazards? e.g. slip/trip hazards, electricity, manual handling, work equipment	Who might be harmed and how? e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...	What are you already doing to control the hazard?	What further action or additional controls are required (if necessary)	Risk rating (after control measures)	Action by who	Action by when	Date completed
Combustible materials – Propane Gas, diesel, rapeseed oil/tool cleaner	Employees Explosion, Burns, skin disorders	Operatives to refer to corresponding COSHH sheets for activity. Correct and appropriate PPE. (SEE PPE LIST 1). Operatives to have personal first aid kit on site which is up to date and replenished as necessary. Phone to inform supervisor if necessary. Operatives to have personal first aid kit on site which is up to date and replenished as necessary. Eyewash available on all sites replenished as necessary.	Ensure PPE is being worn as advised and replace as necessary.	E			
Working with and adjacent to moving plant and traffic	Employees Fatality, crush injury, cuts, bruises	Operatives experienced in work activity and had the correct, appropriate training. Ganger controlling operations on site and is aware of work activity hazards, machine operators certified to approved standard. Traffic management to Chapter 8 of the Traffic signs manual. Wearing correct P.P.E (SEE PPE LIST 1) Supervisors daily checks completed and recorded on sheets provided.	Ensure PPE is being worn as advised and replace as necessary.	E			

What are the hazards? e.g. slip/trip hazards, electricity, manual handling, work equipment	Who might be harmed and how? e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...	What are you already doing to control the hazard?	What further action or additional controls are required (if necessary)	Risk rating (after control measures)	Action by who	Action by when	Date completed
Equipment with moving parts.	Employees Crush injury, broken limbs, cuts, bruises	An experienced operator to control all machinery. Correct training and appropriate P.P.E (SEE PPE LIST 1). Daily checks to ensure all equipment is safe to use before commencement.	Ensure PPE is being worn as advised and replace as necessary.	E			

CATEGORIES OF LIKELIHOOD	
Highly Likely	Expected to happen/reoccur, possibly frequently.
Possible	Might happen/reoccur at some time depends on circumstances.
Unlikely	Not expected to happen/reoccur but possible in certain circumstances.
Very Unlikely	Would only occur in very exceptional circumstances.

CATEGORIES OF CONSEQUENCE SEVERITY	
Catastrophic	Incident could result in <u>one or more fatalities</u> .
Major	Major injury resulting in incapacity, hospitalisation >24 hours.
Significant	Injury requires attention of a Doctor or Hospital treatment or hospitalisation <24 hours.
Minor	Small cut, bruise, abrasion, basic first aid treatment provided.
Negligible	Some discomfort, self help. No treatment required.

RISK RATING				
	Highly Likely	Possible	Unlikely	Very Unlikely
Catastrophic	A	A	B	E
Major	A	B	C	E
Significant	B	C	D	E
Minor	C	D	E	E
Negligible	E	E	E	E

RISK CLASSIFICATIONS	
A	Unacceptable risk , requires immediate attention. Work <u>should not be started or continued</u> until the level of risk has been reduced.
B	High risk , requires immediate attention. Control measures must be identified and put into place as soon as possible.
C	Medium risk , requires attention as soon as possible. The risk should be only be tolerated in the short term and only when further control measures are being planned and introduced, Timescales must be short.
D	Low risks , confirm that there are no low/no cost solutions which may eliminate/ reduce the risk further.
E	Trivial risk , no further action required but review at regular intervals to ensure controls remain effective.