

Task/Activity: RA 10 Operational use of Dumper Truck	Date assessment completed: 31/1/2023	Review Date: 31/1/2026
Brief Details of Task/Activity Use of ride on rigid, articulated, tracked, swivel skip, high lift dumper trucks	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
RTC with other highway users	Employees and the public. Collision with highway traffic and pedestrians.	Chapter 8 signage to adequate working area, vehicle speed limits adhered to, high visibility clothing obligatory on site. Correct PPE to be worn (SEE PPE LIST 1) Flashing amber beacons to be fitted and working to all plant. All operators to have been trained in the use of dumper truck and site conditions checked prior to commencement of work. Supervisors daily checks completed and recorded on sheets provided. Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.	Maintain operatives NRSAWA City and Guilds Chapter 8 training Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery. Ensure PPE is being worn as advised and replace as necessary.	E			

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Rigid, articulated, tracked, swivel skip and high lift dumpers	Operator and employees Death, crush injuries, broken bones	<p>All operators to have been trained (NPORS/CPCS or equivalent) in the use of dumper truck.</p> <p>Crush zones clearly identified.</p> <p>Instruction manuals must be provided for all machinery, ensure all vehicle checks and procedures are followed at all times.</p> <p>Daily safety checks and maintenance carried out and all faults are reported immediately ROPS and safety belts to be used at all times.</p> <p>Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.</p>	Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery.	E			
Overloading/insecure load	Operator and employees Death, crush injuries, broken bones	<p>All operators to have been trained in the use of dumper truck.</p> <p>Ensure load is correctly distributed in skip and pay attention to terrain when traversing site.</p> <p>Daily safety checks and maintenance carried out and all faults are reported immediately ROPS and safety belts to be used at all times.</p>	Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery.	E			

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Driving fatigue / tiredness	Operator, the public and employees Death, crush injuries, broken bones	Vary work types when possible to reduce repetitiveness. ROPS and safety belts to be used at all times, operatives to have relevant training.	Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery.	E			
Dust and lightweight debris in bucket / skip	Operator, the public and employees Eye injury caused by dust and debris blown from bucket/hopper	Where eye / head protection where necessary. Correct PPE to be worn (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	Ensure PPE is being worn as advised and replace as necessary.	E			
Head height obstacles	Operator Eye/bodily injury from branches and head height obstacles	Where eye / head protection where necessary. Correct PPE to be worn (SEE PPE LIST 1) Site survey and remove potential problems, low branches etc prior to commencement. Site assessment prior to work, see daily site check sheet. 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	Ensure PPE is being worn as advised and replace as necessary.	E			

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Working adjacent deep excavations.	Operator and employees Death, crush injuries, broken bones	Ensure a safe distance is maintained from any excavation, pay particular attention to changing climatic conditions – heavy rain/sustained drought etc. ROPS and safety belts to be used at all times, operatives to have relevant training. Daily checks of shoring/sheeting to ensure adequate support to sides of excavations	Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery.	E			
Noise	Operator, the public and employees	Where ear protection as necessary. Monitor operative noise exposure levels and annual audiometry testing via OHU Turn off machinery when not being used.	Ensure PPE is being worn as advised and replace as necessary..	E			
Exhaust fumes/hot exhaust	Operator, the public and employees Respiratory problems, burns	Ensure plant is serviced at recommended intervals, Operatives to wear correct PPE (SEE PPE LIST 1). Ensure exhaust is clearly identifiable and avoid touching hot exhaust. Any machinery producing excessive smoke and or fumes to be removed from site and replaced with alternative machinery.	Ensure PPE is being worn as advised and replace as necessary.	E			

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		Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.					
Weather	Operator Sunburn/Inclement weather	Cover up and wear sunblock on any exposed skin, ensure warm / waterproof clothing is worn as necessary. Operatives to wear correct PPE (SEE PPE LIST 1).	Ensure PPE is being worn as advised and replace as necessary.	E			
Passengers riding on framework	Employees Death / serious bodily harm / head injuries / cuts and bruises.	Passengers are not allowed on dumpers. Certified and appropriate training given. Authorised drivers only to operate dump trucks.	Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery.	E			
Loss of control of dumper truck	Operator, employees and the public. Death, crush injuries, broken bones	All operators to have been trained in the use of dumper truck. Ensure load is correctly distributed in bucket/skip and pay attention to terrain when traversing site Daily safety checks and maintenance carried out and all faults are reported immediately ROPS and safety belts to be used at all times.	Mandatory Dump truck training for all operatives using the machine to be reviewed if significant changes in the operation of the machinery.	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.

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

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 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.