CSH Environmental – Task based risk assessment

Waste collections using a Roll on Off Lorry
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Setting the scene: This assessment deals with the activities associated with the collection of waste by lorries and roll off bins.

Health and Safety consequences
Potential Severity
1 = Negligible
2 = Slight – Minor Injury
3 = Moderate - Serous Injury
4 = High - Serious Injuries
5 = Very High – Fatality Potential

The 'Risk Factor' & Residual Risk' are determined by the following calculation: Likelihood X Severity = Risk Rating

Probable Likelihood
1. Very Unlikely
2. Unlikely
3. Possible
4. Likely
5. Very Likely

1 – 4	**Care**
5 – 9	**Caution**
10 – 14	**Alert**
15 – 25	**Stop**

Potential Severity

Probable Likelihood	1	2	3	4	5
1	CARE	CARE	CARE	CARE	CAUTION
2	CARE	CARE	CAUTION	CAUTION	ALERT
3	CARE	CAUTION	CAUTION	ALERT	STOP
4	CARE	CAUTION	ALERT	STOP	STOP
5	CAUTION	ALERT	STOP	STOP	STOP

Activity	What are the hazards?	Who might be harmed and how?	What is already being done?	Initial Risk Rating	What further action is required?	Residual Risk Rating	Action by whom and when?
Pre start checks of all road going vehicles.	Oil, fluids, moving parts, live electrics, slips, trips and falls	Operator, contact, striking by or entrapment	Competent drivers using correct P.P.E. Ensure vehicles are turned off, with keys out following manufactures handbook, use 3 points of contact and correct access points. Hand held unit & defect book completed, attended driver CPC, periodic licences check. All vehicles are inspected in the workshop every 6 weeks.	**Care**	None identified	**Care**	NA

Running checks, before taking the vehicles on the road.	Running vehicles	Operator, striking by or entrapment	Ensure all pre start checks are complete and recorded, turn on all lights, and do walk round visual inspection of the complete vehicle including wheel nuts and bodywork.	**Care**	None identified	**Care**	NA
Driving lorry on the public highway.	Manual handling	Operator, personal injury during lifting operation	Competent driver with correct licence, comply with Road traffic Act, adjust driving in bad weather, use seat belt. Constant observation. Driving hours monitored. All vehicles fitted with on board camera. Telematics are checked weekly	**Care**	None identified	**Care**	NA
Waste collection delivering, using roll on roll off bins and portable compactor bins	Moving traffic, reversing of vehicle, Slips, trips and falls. Poor ground conditions and overhead hazards	Striking or entrapment of persons. Falling. Moving heavy loads	Competent drivers using class 1or 2 licence. Use of PPE. Use of mirrors and reversing camera. Ground conditions and overhead areas checked prior to bins being loaded or unloaded. All new drivers have on the job training with a competent trainer driver before working on their own, retraining if required. Banks man is used if required and all drivers follow customer's site rules.	**Care**	None identified	**Care**	NA
Sheeting roll on/off bins	Slips, trips and falls	Fall from height	20 yard bins are sheeted on the ground. Newer vehicles and trailer are fitted with auto sheeting system. 40 yard bins will not be sheeted manually. Drivers to check bins on the ground, if driver needs to look inside, will use approved steps.	**Care**	None identified	**Care**	NA
Accidental collection Incorrect waste	Unidentified waste.	Exposure to unknown substances	Waste is checked to ensure it complies with collection note. Driver immediately reports any issues to the	**Care**	None identified	**Care**	NA

			transport office for further instruction, this done using there Purgo tablet.				
Disposal of collected waste	Waste streams	Exposure to waste	All vehicles entering the yard follow the speed limit, and report to the weighbridge, once the paperwork is completed, move to outside the entrance to recycling shed and wait for instruction to proceed.	**Care**	None identified	**Care**	NA
Tipping in the recycling building	Moving plant and equipment	Operator striking or entrapment	Inside the MRF drivers follow instructions from machine operators, a banksman is available if required. Tipping takes place in the required location. Safety bar in use for cleaning operation. The recycling building has been designed for the tipping of lorries, has designated bays for waste, and IN/OUT doors. All yard operatives use radios and full PPE. See RA002 for more details. Bins must be lowered before exiting the MRF.	**Care**	None identified	**Care**	NA
Parking of vehicles	Moving plant and equipment	Operator striking or entrapment	Follow parking instruction form transport office. Use safe reversing aids.	**Care**	None identified	**Care**	NA
Winter working	Ice, darkness and freezing temperatures	Operator Slip trips and falls.	Yard has suitable lighting; walkways are gritted during adverse weather. Use correct P.P.E. Adjust driving to weather conditions.	**Care**	None identified	**Care**	NA
Vehicle breakdowns	Leaks, broken parts, vehicle stopped in unplanned place.	Contact, blocking other road users, public, oil contamination.	Modern maintained vehicles, with daily checks and 6 week full inspection, 12 month MOT. Any defects are reported by the driver. In the event of a vehicle breakdown	**Care**	None identified	**Care**	NA

			the driver will park the vehicle in an area away from roads or access points, ring the transport office and wait for further instruction.				