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|--------------------------|---|---------------------|------------------------------------|
| <b>RA Ref:</b>           | <b>RA005</b>  | <b>Task:</b>        | Waste Collections Using RORO Lorry |
| <b>Issue Date:</b>       | 12.04.24  | <b>Created By:</b>  | Emma Mann – Saint Safety           |
| <b>Review Date:</b>      | 12.04.25  | <b>Reviewed By:</b> | Daniel Cox – CSH Environmental     |
| <b>Location:</b>         | CSH Environmental, Packards Lane, Wormingford, Colchester CO6 3AH   |                     |                                    |
| <b>Setting the scene</b> | This assessment deals with the activities associated with the collection of waste by lorries and roll off bins. |                     |                                    |

**Determining Risk Level**

|            |                       | Severity                          |                                     |  |                                 |                                    |
|------------|-----------------------|-----------------------------------|-------------------------------------|--|---------------------------------|------------------------------------|
|            |                       | (1) SMALL<br>Negligible<br>Injury | (2) MINOR<br>Slight/Minor<br>Injury | (3) MEDIUM<br>Injury Leading<br>to lost time | (4) HIGH<br>Serious<br>Injuries | (5) MAJOR<br>Fatality<br>Potential |
| Likelihood | (5) Almost<br>Certain | 5-Low                             | 10-Medium                           | 15-High                                      | 20-Critical                     | 25-Critical                        |
|            | (4) Likely            | 4-Low                             | 8-Medium                            | 12-Medium                                    | 16-High                         | 20-Critical                        |
|            | (3) Possible          | 3-Low                             | 6-Low                               | 9-Medium                                     | 12-Medium                       | 15-High                            |
|            | (2) Unlikely          | 2-Low                             | 4-Low                               | 6-Low  | 8-Medium                        | 10-Medium                          |
|            | (1) Rare              | 1-Low                             | 2-Low                               | 3-Low  | 4-Low                           | 5-Low                              |

| Prioritisation of Risk |  |   |
|------------------------|--|---|
| Residual Risk Level    | Action Required  | Suggested Timing                                |
| Critical<br>(20-25)    | Immediately cease the activity   | Immediate                                       |
| High<br>(15-19)        | Initiate steps to further control the risk   | Immediate                                       |
| Medium<br>(7-14)       | Review for improvement opportunities. Closely monitor the effectiveness of existing risk controls. | Within 1 month.                                 |
| Low<br>(1-6)           | Monitor the effectiveness of existing risk controls. Reduce the risk further if practicable.       | Ongoing control as part of a management system. |



CSH Environmental – Task based Risk Assessment

| Risk Header  |                                |  | Inherent Risk |              |             | Residual Risk  |          |              |             |
|--|--------------------------------|--|---------------|--------------|-------------|--|----------|--------------|-------------|
| Hazard   | Who is at risk                 | How people may be harmed   | S             | L            | Risk Rating | Control measures   | S        | L            | Risk Rating |
| Driving Lorry on public roadways   | Operators, other road users    | Striking, Entrapment, Crush Injuries, catastrophic bleeds, Musculoskeletal injuries. | 4 - High      | 4 - Likely   | 16 - High   | <p>Competent driver with correct licence. All driver identities and licences checked and stored centrally prior to working.</p> <p>Comply with Road traffic Act. Always use seat belt.</p> <p>Adjust driving to suit weather conditions.</p> <p>Constant observation.</p> <p>Driving hours monitored as per safe driving policy.</p> <p>All vehicles fitted with on board camera.</p>  | 4 - High | 3 - Possible | 12 - Medium |
| Reversing and Parking of vehicles  | Operator, Operatives, Visitors | Crush injuries, Entrapment,  | 4 - High      | 4 - Likely   | 16 - High   | <p>All drivers on site to follow parking instruction from transport office.</p> <p>Use safe reversing aids.</p> <p>Park in designated bays only.</p> <p>Drivers adhere to speed limit and follow traffic management signage.</p> <p>Banksman are available if required.</p> <p>Visitors to be supervised at all times.</p>   | 4 - High | 3 - Possible | 12 - Medium |
| Striking or entrapment during waste tipping operation (recycling building) | Operator, Operatives, Visitors | Crush injuries, Entrapment,  | 4 - High      | 3 - Possible | 12 - Medium | <p>Inside the MRF drivers follow instructions from machine operators, or a banksman is available if required.</p> <p>Tipping takes place in the required location.</p> <p>Safety bar in use during cleaning operation.</p> <p>The recycling building has been designed for the tipping of lorries, has designated bays for waste, and IN/OUT doors.</p> <p>Drivers adhere to speed limit and follow traffic management signage.</p> <p>All yard operatives use radios and full PPE.</p> <p>See RA001 for more details.</p> | 4 - High | 2 - Unlikely | 8 - Medium  |



CSH Environmental – Task based Risk Assessment

| Risk Header   |                                |   | Inherent Risk |              |             | Residual Risk  |            |              |             |
|---|--------------------------------|---|---------------|--------------|-------------|--|------------|--------------|-------------|
| Hazard  | Who is at risk                 | How people may be harmed                                  | S             | L            | Risk Rating | Control measures   | S          | L            | Risk Rating |
| Moving plant equipment (delivery of collected waste)                                  | Operator, Operatives, Visitors | Crush injuries, Entrapment,                               | 4 - High      | 3 - Possible | 12 - Medium | <p>All vehicles entering the yard to adhere to the speed limit.</p> <p>All vehicles to report to the weighbridge, to check paperwork.</p> <p>Once the paperwork is completed, drivers to report to the entrance to recycling shed and wait for instruction to proceed.</p> <p>Footfall in heavily trafficked area kept to a minimum, visitors to be supervised at all times.</p>   | 4 – High   | 2 – Unlikely | 8 - Medium  |
| Pre-start and running checks of all road going vehicles. (working at height)          | Operators, Drivers             | Fall from height, cuts and abrasions.                     | 3 - Medium    | 3 - Possible | 9 - Medium  | <p>Ensure all pre-start checks are complete and recorded.</p> <p>Turn on all lights and do walk round visual inspection of the complete vehicle including wheel nuts and bodywork.</p> <p>Competent drivers using correct P.P.E. Ensure vehicles are turned off, with keys out following manufactures handbook.</p> <p>Use 3 points of contact and correct access points.</p> <p>Handheld unit &amp; defect book completed, attended driver CPC, periodic licences check.</p> <p>All vehicles are inspected in the workshop every 6 weeks.</p> | 3 - Medium | 2 - Unlikely | 6 - Low     |
| Waste collection/delivering, using roll on roll off bins and portable compactor bins. | Operator, Operatives           | Striking, Entrapment, Crush injuries, Cuts and Abrasions. | 3 - Medium    | 3 - Possible | 9 - Medium  | <p>Competent drivers using class 1or 2 licence.</p> <p>Use of PPE i.e. high visibility PPE.</p> <p>Use of mirrors and reversing camera.</p> <p>Ground conditions and overhead areas checked prior to bins being loaded or unloaded.</p> <p>All new drivers have on the job training with a competent trainer driver before working on their own (retraining available if required).</p>  | 3 - Medium | 2 - Unlikely | 6 - Low     |

| Risk Header   |                                |  | Inherent Risk |              |             | Residual Risk   |            |              |             |
|---|--------------------------------|--|---------------|--------------|-------------|---|------------|--------------|-------------|
| Hazard  | Who is at risk                 | How people may be harmed                                 | S             | L            | Risk Rating | Control measures  | S          | L            | Risk Rating |
|   |                                |  |               |              |             | Banks man is used if required and all drivers follow customer's on site rules.  |            |              |             |
| Exposure to harmful substances (incorrect waste collection) | Operator                       | Disease, respiratory issues, skin damage.                | 3 - Medium    | 3 - Possible | 9 - Medium  | <p>Waste is checked to ensure it complies with collection note.</p> <p>Driver immediately reports any issues to the transport office for further instruction, this done using there Purgo tablet.</p> <p>If operatives are exposed to harmful substances, First Aiders on site to be notified immediately.</p> <p>First Aid provisions including biohazard kit available on site.</p>   | 3 - Medium | 2 - Unlikely | 6 - Low     |
| Vehicle Breakdown (stopping in unplanned place)             | Operator, Other Road users     | Skin damage, Musculoskeletal injuries                    | 2 - Minor     | 4 - Likely   | 8 - Medium  | <p>Only modern maintained vehicles, with daily checks and 6-week full inspection, 12-month MOT to be used.</p> <p>Drivers are trained in awareness to spot signs of potential vehicle issues.</p> <p>Any defects are reported by the driver using Purgo.</p> <p>Routes are planned and monitored in advance.</p> <p>In the event of a vehicle breakdown the driver will park the vehicle in an area away from roads or access points, ring the transport office and wait for further instruction.</p> <p>If an oil leak or pipe burst, driver will attempt to contain spillage, with on-board spillage kit to prevent environmental damage.</p> | 2 – Minor  | 3 – Possible | 6 - Low     |
| Adverse Weather conditions on site                          | Operator, Operatives, visitors | Musculoskeletal injuries, Sprains, Slips trips and falls | 2 - Minor     | 4 -Likely    | 8 - Medium  | <p>Yard has suitable lighting to assist with Driver's vision during dark hours or adverse weather. Lighting will be subject to regular maintenance.</p> <p>Walkways and roads are gritted during adverse weather.</p> <p>Use correct P.P.E. i.e. appropriate footwear.</p> <p>Adjust driving to weather conditions.</p>   | 2 – Minor  | 3 – Possible | 6 - Low     |



| Risk Header               |                | Inherent Risk                                     |           |              |             | Residual Risk  |           |              |             |
|---------------------------|----------------|---|-----------|--------------|-------------|--|-----------|--------------|-------------|
| Hazard                    | Who is at risk | How people may be harmed                          | S         | L            | Risk Rating | Control measures   | S         | L            | Risk Rating |
| Sheeting roll on/off bins | Operatives     | Slips, trips and falls, Musculoskeletal injuries. | 2 - Minor | 3 - Possible | 6 - Low     | 20 yard bins are sheeted on the ground.<br>Newer vehicles and trailer are fitted with auto sheeting system.<br>40 yard bins will not be sheeted manually.<br>Drivers to check bins on the ground, if driver needs to look inside, will use approved steps. | 2 - Minor | 2 – Unlikely | 4 - Low     |

Closely monitor the effectiveness of existing risk controls.

Review Details - To be reviewed at least annually. Where the review finds that changes have been made to the task, equipment or work environment, the risks shall be re-evaluated by completing a new Risk Assessment.

| Date review conducted | By Whom | Findings of Review | Next review due date |
|-----------------------|---------|--------------------|----------------------|
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