

**Risk
Rating**



Risk Assessment & Method Statement

Task/ activity: Operating Excavator, MSW at the SRF/RDF output

Task/ activity description:

Loading of bales from the SRF and RDF output, onto the flat trailer for transport to Warrenpoint harbour.



Likely to be effected: Mobile plant operatives, operatives, visitors, others

Risk Scoring = multiply severity by probability SxP=R

Severity	Probability	Risk Category
5 Fatality or disaster	5 Highly likely	
4 Major injury, damage or loss	4 Very likely	High = 15-25
3 Reportable injury or occurrence	3 Likely	Medium = 9-14
2 Minor injury, less than 3 days lost time or minimal loss	2 Unlikely	Low = 1-8
1 Minor injury, no lost time or damage	1 Very unlikely	

Hazard	Control measures to be taken to reduce risk	Scoring		Risk rating
Vehicle Pedestrian Collision - Death - Major injury - Crush	- Door 9a is a controlled environment no persons allowed on the floor when the plant is running. - Only trained competent and authorised operatives to operate the crane. - No access for people. - Signage displayed - PPE must be worn on site Hi-vis clothing - All operatives to use two-way radio - Operative to control work area, maintain	5	2	10

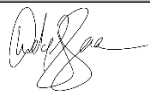
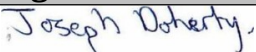
	all round awareness aided by CCTV			
	• Loads never to be lifted above people			
Vehicle contact with Vehicles or machinery. • Major injury	• Operatives to be trained in the safe use of this system. • Operative to ensure plant and load are under control when a vehicle enters the work area. • Operative to maintain 5 meters distance from any vehicle. • If a loading shovel has entered the area crane operator must communicate with the operator via radio contact • Crane operator to perform a pre-use check of crane and grab before using it. • If a vehicle has entered the area either tipping or waste management. Crane operator to ensure grab is in a safe location.	4	2	8
Fire hazards • Fire in the shredder or in waste materials • Mobile plant fire (Digger etc.)	• Crane operator to make sure thermal imaging cameras are working and operational • Fire hoses are fixed in suitable locations • Sprinkler system is on standby • There is always a fire warden during operations of the plant • Suitable fire extinguishers are available. • All staff to receive regular information, instruction and training in regards fire safety and emergency procedures • Employees must maintain good housekeeping. • Mobile plant suppression system in place and regularly check by competent personnel. • Operatives are instructed to collect separately any flammable objects to prevent any fire. • Regularly powered washed mobile plant from unnecessary grease. • Housekeeping is maintained and mobile plant operators are instructed not to drive over material.	5	2	10
Mechanical failure	• Crane operator to perform a pre-use check of crane and attachment before use	4	2	8

Dropped loads/ grab	including hydraulic function, obvious signs of damage and fixing points between attachment and crane. Are all bolts tight? No leaking hydraulic hoses? - Door 5 is a controlled environment no persons allowed on the floor when the plant is running. - Only trained competent and authorised operatives to operate the crane. - Ground to be marked as no access for people. - Signage displayed - PPE must be worn on site Hi-vis clothing - All operatives to use two-way radio - Operative to control work area maintain all round awareness aided by CCTV - Loads never to be lifted above people			
Ejected Debris from shedder or grab - Major injury - Damaged equipment	- All shredder access doors must remain locked during operations of the plant. Can only be opened under supervision for maintenance. - Door 5 is a controlled environment no persons allowed on the floor when the plant is running. - Only trained competent and authorised operatives to operate the crane. - Ground to be marked as no access for people. - Signage displayed - PPE must be worn on site Hi-vis clothing - All operatives to use two-way radio - Operative to control work area maintain all round awareness aided by CCTV	3	2	6
Work Equipment Injury from poorly operated or maintained work equipment	- Only trained & skilled operatives to operate plant & equipment in a controlled and supervised manner, - Defective equipment removed from use - Public excluded from the workplace. Emergency procedures are in place and tested on a regular schedule.	4	2	8
Noise Deafness	All shredder access doors must remain locked during operations of the plant. Can only be opened under supervision for	3	2	6

Tinnitus	- maintenance. - Door 5 is a controlled environment no persons allowed on the floor when the plant is running. - Only trained competent and authorised operatives to operate the crane. - Ground to be marked as no access for people. - Signage displayed - PPE must be worn on site Hi-vis clothing - All operatives to use two-way radio - Operative to control work area maintain all round awareness aided by CCTV			
Dust - Respiratory illness - Explosion	- Engineering controls to be reviewed at suitable intervals - Dust masks with FFP 3 protection are available. - External Dust surveys to be completed at suitable intervals. - Findings from dust surveys to reviewed and relayed to operatives working in the area. - Staff to be informed with regular information and instruction in the hazards and effects working the SRF plant. - Internal dust monitoring procedures to be researched and implemented - Vacuum cleaning system to be implemented. - Operatives to maintain a suitable housekeeping procedure to prevent a dangerous build-up of dust.	3	2	6
Maintenance Major injury	- Permit to work to be completed before any maintenance can be completed - Maintenance works to be planned with supervisor before work can start. - Plant must be shut down before any maintenance can be performed. - Staff in surrounding area to be made aware of the maintenance work and the importance to stay out of the work area - Maintenance must be carried out under supervision - Safety must be a top priority	5	2	10

	• Machines must be isolated • Props and physical barrier's must be in fixed in position • Refer to manufactures instructions. • Operative must be competent to perform the maintenance task • Any doubts operative/ supervisor must consult manufacturer • Safety devices must never be bypassed • Hot works must be planned/ permits complete • Working at height to be planned and supervised. Care given to selection of access equipment			
Slips, trips and falls	• The operator must mount and dismount the mobile plant correctly as per the training. • Handrails must be used at all times while access or egress from the machinery. • Housekeeping must be maintained by the operator; floor of the plant must be cleared at suitable intervals. • Excavator access steps to be maintained and cleaned down daily as part of the daily cleaning regimes. • Access steps are to be inspected daily as part of the pre-use checks. • Footwear must be laced tight, no loose clothes to be worn. • Adequate footwear with ankle support must be used and maintained.	4	2	8

Approval and review

Assessor:	Signature:	Position:	Date:
Wesley Jameson		Health & Safety Manager	Apr 2024
Approved by:	Signature:	Position:	Date:
Joseph Doherty		Chief Executive Officer	Apr 2024

Reviewed on:	Apr 2024	New version number:	2
Date of next review:	Apr 2025, or as an when required		

PPE Requirements

- Hi-vis clothing, safety boots and gloves, 2-way radio

Method statement

Information, Instruction and Training:

- Operatives to be trained in the safe use of this system
- Staff to be informed with regular information and instruction in the hazards and effects working the SRF plant.
- Supervisors should ensure that plant and access equipment are inspected daily, and that workers understand that they must not use them until after inspection has been carried out.
- Employees to be giving adequate information and instruction for emergency procedures
- Supervisors are experienced in the inspection of plant, or other access equipment in use.

SAFE STOP PROCEDURE

- The following procedure MUST be followed before leaving the seat of any vehicle, when anyone else approaches, and when anyone is working on the equipment
- Fully apply the handbrake
- Make sure all controls and equipment are left safe, e.g. Controls in neutral, Stop the engine, remove the key.

Five-meter rule

- 5 meters distance must be maintained between pedestrians and moving vehicles at all times.
- Within 5 meters is classed as a near miss and must be reported!
- Re-Gen operatives are trained and must not drive forward if any person is within five meters.
- Ensure positive communication (eye contact) with the pedestrian/driver.

