

RISK ASSESSMENT

Ref. FHL RA 013.

Description of Operation/Activity being assessed:

Location: Green waste/Compost facility

Potential Fires at the compost facility.

Operations include.

1. Receive inspect and stockpile materials.
2. Shred and stockpile material into block/windrow format.
3. Monitor and turn shredded/stockpiled compost and wood waste material.
4. Screen composted material to end product.

Site Address:

Wroot Road Compost Facility

Wroot Road

Finningley

Doncaster

DN9 3DU

RISK RATING – record any significant risks on the attached sheets using this rating system for severity and likelihood (Risk Rating = severity x likelihood):

Risk Ratings assume all listed control measures are in place.

Likelihood	Severity				
	S1 Minor injury; first aid may be required or discomfort experienced	S2 Lost time incident	S3 Notifiable incident under RIDDOR	S4 Permanent disability	S5 Death to one or more persons
L1 Improbable – unlikely occurrence	1	2	3	4	5
L2 Possible or rare occurrence	2	4	6	8	10
L3 Occasional or likely occurrence	3	6	9	12	15
L4 Frequent or highly likely occurrence	4	8	12	16	20
L5 Common or imminent occurrence	5	10	15	20	25

Risk Rating	Action
1 - 4	Insignificant Risk. No further action required.
5 - 9	Low Risk. Ensure control measures are maintained.
10 - 14	Moderate Risk. Ensure control measures are maintained. Monitor accident reporting. Review control measures annually or following reported incidents.
15 - 25	High Risk. Do not proceed. Suspend operation immediately. Do not recommence or proceed until risk rating can be reduced to Moderate.

RISK ASSESSMENT RECORD SHEET

Hazard	Observations	Persons Exposed	Existing Controls	Severity	Likelihood	Risk Rating (S x L)	Comments and Recommendations
1, Fire, potential burns Environmental impacts	Potential compost stockpile fires caused by high temperatures.	Staff, Contractors, Visitors.	Temperature monitoring of windrows and stockpiles. Stock of water, Staff training, Fire extinguishers regularly serviced and checked, Tractor and bowser	6	2	12	Regular recorded monitoring at least once a week. Issue site specific Fire Prevention Plan
2, Fire potential burns. Environmental Impacts	Potential compost fires caused by dry windrows in the summer months.	Staff, Contractors, Visitors	Moisture monitoring of windrows and stockpiles. Stock of water, Staff training, Fire extinguishers regularly serviced and checked, Tractor and bowser	6	2	12	Regular recorded monitoring and ensure adequate source of water available on site at all times. Issue site specific Fire Prevention Plan
3, Fire potential burns and damage to equipment.	Potential fires to plant and equipment.	Staff, Contractors, Visitors.	Regular maintenance and cleaning checks of machines. Fire extinguishers installed to machines and serviced regularly	6	2	12	Regular checks of fire defence equipment. Annual inspection of fire extinguishers Issue site specific Fire Prevention Plan

4. Fire, potential burns to personnel	Potential of injuries to personnel (burns)	Staff, Contractors, Visitors.	Emergency procedure. Fire marshal training to staff. First Aid qualified staff	1	10	10	Ensure staff awareness of fire procedure Ensure regular checks of fire equipment. Issue site specific Fire Prevention Plan
5. Fire potential burns, smoke, Environmental Impact.	Fire damage to plant and equipment.	Staff, contractors Visitors	Maintenance procedures/daily check lists. Isolate all plant and equipment at the end of each shift. Separate all plant and park away from each other at the end of each shift. All keys and isolators to be returned to the office at the end of each shift.	3	2	6	Monitor actions daily/weekly

ASSESSMENT COMPLETED BY: S HOLDING	DATE: 7.3.18	Next Review Date: 03-19 01-4-20
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