

Appendix 5 - Failure & Abnormal Event Summary

Source Reference	Sources of Noise and/or Vibration	Potential Failure Scenario	What Measures Have Been Put Into Place to Prevent the Failure or to Redue the Impact	What is the Environmental Impact/Outcome if there is a Failure?	What Actions are Taken if this Occurs and Who is Responsible?
NS 1	Animal Unloading & Holding (Lairage)	No failure scenario	--	--	--
NS 2	Delivery Area for Packaging/Stores Area	No failure scenario	--	--	--
NS 3	Despatch Bay Area	No failure scenario	--	--	--
NS 4	Loading Bay Area	No failure scenario	--	--	--
NS 5	Boiler	Pressure Relief Valve will activate automatically.	The boiler has an annual service completed by an external contractor, and is part of regular on site maintenance checks.	There will be a continuous hiss type noise, that may increase the background noise at the site boundary assessment points. It is not believed that this would have a significant impact on the local receptors.	The Site Maintenance Manager will arrange for the boiler to be repaired as soon as possible after the valve is activated.
NS 6	Water Cooled Condensers				
NS 7	Refrigeration Plant	Refrigeration Leak Detection Alarm Sounds.	Refrigeration system is part of daily/weekly maintenance checks completed by site personnel.	The alarm may be heard at the nearest receptors AR1, AR2, AR6 for a short period of time.	Security to notify the Maintenace Manager or on call Engineer who will immediately go to site switch off the alarm and investigate the cause and make suitable repairs.
NS 8	Skip/Trailer/Container/Dolav Movement>Loading/unloading)	No failure scenario	--	--	--
NS 8	ETP Screenings Skip	No failure scenario	--	--	--
NS 8	By-Products Trailer	No failure scenario	--	--	--
NS 8	General Waste Dolavs	No failure scenario	--	--	--

NS 8	General Waste Skip	No failure scenario	--	--	--
NS 8	Dolav Movement Between By-Products Area & Trailers	Ceasation of operation only	--	--	--
NS 8	Dolav Movement Between By-Products Area & Skins Shed	Ceasation of operation only	--	--	--
NS 8	Cardboard Waste Skip	No failure scenario	--	--	--
NS 8	Plastic Waste Skip & Storage Areas	No failure scenario	--	--	--
NS 8	Movement Refrigerated Containers Using Shunter	Ceasation of operation only	--	--	--
NS 9	Lorrywash	Ceasation of operation only	--	--	--
NS10	Refrigerated Containers	Break Down of electric Connection Points	Electric connection points and cables are part of daily/weekly maintenance checks completed by site personnel.	Insufficient connection points may lead to a refrigerated trailer operating on diesel engine rather than being plugged in. May increase the background noise at site boundary point and depending on number of conenction points that fail may impact on local receptors, although it is not believed the impact would be significant as multiple failures is unlikely. Repairs will also be made as soon as possible to minimise the duration of exposure.	Transport Manager / Security to notify Maintenance Manager who will arrange for immediate repair.
NS11	Crate Wash	Ceasation of operation only	--	--	--
NS12	Blood Tank Pump	Ceasation of operation only	--	--	--
NS13	Vacuum Packer Pumps	Ceasation of operation only	--	--	--
NS14	Extractor Fans	Ceasation of operation only	--	--	--
NS15	Screw Press	Ceasation of operation only	--	--	--
NS16	DAF Unit Pumps	Ceasation of operation only	--	--	--
NS17	Blowers for Aeration Tank	Ceasation of operation only	--	--	--
NS19	Rotary Screens (Bellygrass Press, Drum Screen, Archimedes Screw)	Ceasation of operation only	--	--	--
NS21	Air Compressor Room	Ceasation of operation only	--	--	--
NS22	Office Air Conditioning	Ceasation of operation only	--	--	--
NS23	Tank Mixer	Ceasation of operation only	--	--	--

NS24	Sprinkler Pump	Ceasation of operation only	--	--	--
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