

Appendix D Form C3: Table 1 Types of Activities

Installation Name	Schedule 1 References	Description of Activity	Activity capacity (tonnes / day)	Annex 1 (D Codes) and Annex II (R Codes) and descriptions	Hazardous Waste Treatment Capacity	Non-hazardous Waste Treatment Capacity
Brookhurst Wood MBT Facility	Section 5.4, part A (1) (a) (ii)	Disposal of non-hazardous waste with a capacity exceeding 50 Te/day involving physico-chemical treatment of non-hazardous waste.	1,500	D9 Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12	0 tpa	327,000 tpa
	Section 5.4, part A (1) (a) (ii)	Disposal of non-hazardous waste with a capacity exceeding 50 Te/day involving physico-chemical treatment of non-hazardous waste.		D9 Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12		
	Section 5.4, part A (1) (a) (i)	Disposal of non-hazardous waste with a capacity exceeding 50 Te/day involving biological treatment of non-hazardous waste.		D8 Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12		
Directly Associated Activities						
Name of DAA		Description of DAA				
CHP Engines and Flare		3 x 3.5 MW. (thermal input capacity) CHP engines fired on biogas from the anaerobic digestion process. R1 Use principally as a fuel or other means to generate power. Also biogas flare. D10 Incineration on Land				
Waste reception/storage		Waste reception and storage				
Raw Materials Management		Storage, handling and transfer of raw materials				
Separated Outputs Storage		Storage and handling of separated waste streams to include a new waste transfer and storage area for RDF and CLO outputs.				
Process Water Storage		Treatment of process water in Sequential Batch Reactor for recycle to process water circuit or discharge of surplus to sewer.				
Abatement Plant – Release to Air		Operation of abatement systems for the control of releases to air.				
Utilities		Supply of utilities such as electrical power, process heat and compressed air.				
Boiler		1 x 2.06 MW (thermal input capacity) boiler for the provision of heat for process start-up and supplementary heat purposes				
Back-up generator		1 x 3 MW (thermal input capacity) emergency generator for provision of back-up power supply to be used in the event of a mains power failure while the facility is switched to operate in island mode				
Total Storage Capacity		31, 100 tonnes	Annual throughput	MBT Facility	327,000 tonnes Non-hazardous Waste	