

Supplementary Information to Question 24 of APP1 Form.

Table 1: Raw and auxiliary materials anticipated to be used on the Resource Park

Substance	Chemical composition	Quantity used	Storage arrangements
Fuel			
Low sulphur gas oil/biodiesel	Hydrocarbon with trace additives.	112 tpa for primary and secondary burners, emergency generator and telehandlers.	Double bunded above ground 15m ³ storage tank on sealed drainage area. Interceptor present for site surface water. Refuelling of mobile plant occurs inside the building.
Boiler water treatment chemicals			
Salt (for initial water softener)	NaCl	6,266 kg/annum	Stored inside in 50 kg bags. Solution stored in 1000 litre tank inside building.
Thermotech LQ 201 D	Sodium bisulphite NaHSO ₃	6,266 kg/annum	Bunded tank on sealed drainage area.
Thermotech LQ 203 A	Tri-Sodium Phosphate (10-30%) Na ₃ PO ₄	8,500 l/annum	Bunded tank on sealed drainage area.
Thermotech LQ 204	Sodium Hydroxide (10-30%) NaOH	2,166 l/annum	Bunded tank on sealed drainage area.
Flue gas treatment chemicals			
Urea powder	CO(NH ₂) ₂	1200 tpa	16x1m ³ FIBCs on sealed drainage area within building. Maximum storage 12t.
Activated carbon	C	111 tpa	8x1m ³ FIBCs on sealed drainage area within building.
Sodium bicarbonate	NaHCO ₃	1,894 tpa	Bulk storage silo on sealed drainage area with capacity of 72 m ³ .
Miscellaneous			
FIBC bags	Nylon	6,885/annum	Stored in building.
Water (mains for boiler; borehole for cooling module)	H ₂ O	TBC	Underground storage tanks for groundwater. Small internal storage tanks for mains water.
Oils/greases	Hydrocarbons with trace additives.	Not known	Sealed secure container outside.
Rodenticide	Various.	~26 kg/annum	Sealed secure container within building.
Insecticide	Various.	~26 kg/annum	Sealed secure container within building.
Sawdust	Natural carbon based material.	~67 tonnes/annum	Suitable container stored inside main building.