

Bilaga B2

Bränsleförbrukning kremeringsugnar

5. PLANT DUTY & UTILITIES

5.1. Plant Duty

Cremator type:	Addfield A50-IC (2) Cremator	
Application:	Domestic pets	
Approximately daily output:	Up to 25-30 pets per day Less than 50kgs./hour.	
Operating regime:	Up to 12 hours per day Up to 7 days per week Up to 52 weeks per year	
Overall availability:	90%	
Design criteria:	BS3316 Secondary Chamber residence time 2 seconds at 850°C	
Primary Chamber	Temperature range:	600°C to 800°C
Secondary Chamber	Temperature range:	850°C to 875°C
	Oxygen Content:	6% to 11%
	Residence Time:	2 seconds at thermal capacity

5.2. Plant Utilities

Electricity Consumption:	
Supply:	380-415, three phase, 50 Hz
Capacity:	32 Amps
Average Consumption:	7.4 Kwh

Diesel Consumption:	
Fuel supply	Light Fuel Oil
Fuel usage (average)	18-20 litres/hr

LPG Consumption:	
Fuel Type:	LPG
Fuel usage (average)	22-24 litres/hr

5. PLANT DUTY & UTILITIES

5.1 Plant Duty

Incinerator type:	Addfield TB-AB Incinerator	
Solid Waste types:	Animal remains	
	Horses	
Design throughput:	Less than 50 Kgs/hour solid waste	
Approximately daily output:	Up to 2000kg	
Thermal capacity (max):	360Kw	
Operating regime:	Up to 12 hours per day	
	Up to 7 days per week	
	Up to 52 weeks per year	
Maintenance regime:	15 minutes every 10 th burn	
Overall availability:	90%	
Operational Data:	Primary Chamber	
	Temperature range:	700°C to 950°C
	Secondary Chamber	
	Temperature range:	850°C to 875°C
	Oxygen Content:	6% to 12%
	Residence Time:	Minimum 2 seconds

5.2 Plant Utilities

Electricity Consumption:	
Supply:	240v, single phase, 50 Hz
Capacity:	16 Amps
Anticipated usage:	1 kW/hour
Diesel Consumption:	
Fuel supply	Light Fuel Oil
Fuel usage (average)	11-14 litres/hr

Please confirm your electricity requirements for installations outside of the UK.

Note: Usage rates are estimated and are based on a calorific value of 4000Kcal/kg The figures will change if differing waste types are introduced.