

Permit Number: EPR/LP3439HM

Operator: Castle Waste Services Limited

Facility: Roath Dock Transfer Station

Form Number: Energy1 28/01/20

### Reporting of Energy Usage for the year 2019

Energy Source	Energy Usage Quantity	Primary Energy (MWh)	Specific Usage (MWh/unit output)
Electricity	605,120 KWh	1452.23 MWh	
Natural Gas	Zero MWh	N/A	N/A
Gas Oil	13786 litres	133.4 MWh	
Recovered Fuel Oil	Zero Tonnes	N/A	N/A
<b>TOTAL</b>		<b>1585.63 MWh</b>	

\* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

As of 2010 the density of Fuel/Gas oil is stated to be 0.832kg/l.  
IEA/OECD states that 1 Tonne Oil Equivalent (TOE) is equal to 11.63 MWh

Signed ..... D Humphriss ..... Date...28/01/20.....  
(Authorised to sign as representative of Operator)

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Form Number: WaterUsage1 / 28/01/20

### Reporting of Water Usage for the year 2019

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
Mains water	7854	
Site borehole	0	
River abstraction	0	
TOTAL WATER USAGE	7854	

Operator's comments :

Water consumption is estimated based on batch recipes and process records.

Signed ... D Humphriss..... Date...28/01/20.....  
(authorised to sign as representative of Operator)

Facility: Rooth Dock Transfer Station Form Number: Performance1 28/01/20

Reporting of other performance indicators for the period 01/01/2019 to 31/12/2019

Parameter	Units
Water Usage	7854 m3
Energy Usage	1585.63 MWh
Total Raw Materials Used	0 Tonnes hydrated lime
Waste disposal and/or recovery	8297.2 Tonnes

Operator's comments:  
Data in form S1 is taken from third party UKAS accredited laboratory data.

Signed ..... D Humphriss ..... Date ..... 28/01/20 .....

(Authorised to sign as representative of Operator)