

Permit Reference Number : BP1772IZ

Installation : Poeton (Cardiff) Ltd

Operator : Poeton (Cardiff) Ltd

Form Number : WU1

Reporting of Water Usage for the year 2015

Water Source	Usage (m ³)
WELSH WATER	22 351
TOTAL WATER USAGE	

Trends in Water Usage Parameter			
Year	Named Water source	Total Water usage	Water per unit output
2005 11	WELSH WATER	12 292	
2006 12		20 414	
2007 13		22 856	
2008 14		30 669	
2015		22 351	

Operator's comments :

WATER DECREASED DUE TO IMPROVEMENT PUMP

Signed
(authorised to sign as representative of the Operator)

Date 22/1/16

27 JAN 2016

Permit Reference Number : BP1772IZ

Operator : Poeton (Cardiff) Ltd

Installation : Poeton (Cardiff) Ltd

Form Number : MR1

Mass Release		
Parameter	Limit	kg
Cadmium and its compounds	10.4 Kg	
Mercury and its compounds	0.106 Kg	0.065g

Trends in Mass Release			
Year	Parameter	Mercury	Cadmium
2005-9		0.0034	0.58
2006-10		1	0.57
2007-11		1	0.53
12		1	0.67
13		1	0.94
14		1	1.163
15		1	0.65

Operator's comments :

Signed
(authorised to sign as representative of the Operator)

Date.....22/11/16.....

Permit Reference Number : BP1772IZ

Operator : Poeton (Cardiff) Ltd

Installation : Poeton (Cardiff) Ltd

Form Number : S1

Reporting of Emissions to Sewer for the period from JULY to DEC 2015

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
S1	pH	Minimum 6 Maximum 11	4.3 6.44		8 - 16 - 15 11 12 - 15		
S1	Cadmium and its compounds	0.3 mg/l	0.22	WELSH WATER	20 AUG 15		
S1	Mercury and its compounds	0.005 mg/l					
S1	Total flow						
S1	Free Cyanide	1.0 mg/l	2.38	WELSH WATER	29 OCT		
S1	Chromium and its compounds	2.0 mg/l	1.5	WELSH WATER	1 - DEC		

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum - maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated)

Signed [Signature]
(authorised to sign as representative of the Operator)

Date 22/11/15

Permit Reference Number : BP1772IZ

Installation : Poeton (Cardiff) Ltd

Operator : Poeton (Cardiff) Ltd

Form Number : R1

Reporting of Waste Disposal and Recovery for the year 2015

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
(1) Non-Filter Cake Waste			
(2) Filter Cake			
Total hazardous waste		~~400~~ 00	303
TOTAL WASTE	-		

Trends in Waste Disposal and Recovery			
Year	Parameter	Waste 1	Waste 2
2005	10	17	1
2006	11	16	2
2007	12	66	1
2008	13	14	1
	14	67	9
2015		17	303

Operator's comments :

Signed *[Signature]*
(authorised to sign as representative of the Operator)

Date 22/1/16

Permit Reference Number : BP1772IZ

Installation : Poeton (Cardiff) Ltd

Operator : Poeton (Cardiff) Ltd

Form Number : E1

Reporting of Energy Usage for the year 2015

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh 1065634	2557.5	
Gas	tonnes	410.9	
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.64

Trends in Energy Usage		CO ₂ produced
Year	Parameter usage	
2005	10	1765.6
2006	11	1873.4
2007	12	2557.8
2008	13	2732.9
	14	2913.6
	15	2968.4

Operator's comments :

ENERGY INCREASED DUE TO INCREASED TURNOVER

Signed



(authorised to sign as representative of the Operator)

Date 22/1/16

