

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 2016

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		7-69 9-28	12.4.2016 14-9.16		
S1	Cadmium and its compounds	0.3 mg/l	0.86	WELSH WATER	28 NOV		
S1	Mercury and its compounds	0.005 mg/l					
S1	Total flow						
S1	Free Cyanide	1.0 mg/l	0.79	WELSH WATER	6 OCT		
S1	Chromium and its compounds	2.0 mg/l	6.9	WELSH WATER	28 NOV		

[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 C. M. O'Connell Date 30/1/17
(authorised to sign as representative of the Operator)

Permit Reference Number : BP1772IZ

Operator : Poeton (Cardiff) Ltd

Installation : Poeton (Cardiff) Ltd

Form Number : R1

Reporting of Waste Disposal and Recovery for the year2016.....

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
(1) Non-Filter Cake Waste			
(2) Filter Cake			
Total hazardous waste		49	7
TOTAL WASTE	-		

Trends in Waste Disposal and Recovery			
Year	Parameter	Waste 1	Waste 2
2005	11	16	2
2006	12	66	1
2007	13	14	1
2008	14	67	9
	15	17	303
	16	49	7

Operator's comments :

Signed
(authorised to sign as representative of the Operator)

Date.....30/1/17.....

Permit Reference Number : BP1772IZ

Installation : Poetron (Cardiff) Ltd

Operator : Poetron (Cardiff) Ltd

Form Number : MR1

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

Trends in Mass Release		
Year	Parameter	
	Mercury	Cadmium
2005/10	0.0057	0.57
2006/11	"	0.53
2007/12	"	0.67
13	"	0.94
14	"	1.16
15	"	0.65
16	"	1.43

Operator's comments :

INCREASE IS DUE TO AN INCREASE IN CADMIUM PRODUCTION AND A HIGHER WATER USAGE

Signed
(authorised to sign as representative of the Operator)

Date 30/11/17

Permit Reference Number : BP1772IZ

Operator : Poetron (Cardiff) Ltd

Installation : Poetron (Cardiff) Ltd

Form Number : WU1

Reporting of Water Usage for the year

Water Source	Usage (m ³)
WELSH WATER	26 170
TOTAL WATER USAGE	

Trends in Water Usage Parameter			
Year	Named Water source	Total Water usage	Water per unit output
2005	12 WELSH WATER	20 414	
2006	13	22 850	
2007	14	30 699	
2008	15	22 351	
	16	26 170	

Operator's comments :

INCREASE DUE TO INCREASE IN PRODUCTION

Signed
(authorised to sign as representative of the Operator)

Date.....30/1/10.....

Permit Reference Number : BP1772IZ

Installation : Poetton (Cardiff) Ltd

Operator : Poetton (Cardiff) Ltd

Form Number : E1

Reporting of Energy Usage for the year 2016

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh	13702.07	3288.4
Gas	tonnes	556.124	
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.64

Trends in Energy Usage		Parameter	
Year	Primary Energy usage	CO ₂ produced	
2005	11	1873.9	318.6
2006	12	2557.8	432.6
2007	13	2732.9	461.8
2008	14	2913.6	492.4
	15	2968.4	549.1
	16	3844.6	649.7
	17		

Operator's comments :

INCREASE IN USE IS DUE TO INCREASE IN PRODUCTION
AN INSTALLATION OF NEW OVEN

Signed
(authorised to sign as representative of the Operator)

Date.....20/1/2017.....

