

Permit Reference Number: BX8289IW

Operator: Princes Ltd

Installation: Princes Soft Drinks - Cardiff

Form Number: M1

Reporting of Mass release to sewer for the period from ...1st January 2015.....to....31st Dec 2015.....

Emission Point	Substance / Parameter	Annual Limit Value g	Result ^[1]
S1	Cadmium (and its compounds as Cd	0.5	0.37
S1	Mercury and its compounds as Hg	1.5	0.61

[1] The result given is calculated using a mass balance. See Permit condition 6.1.1

Signed
(Authorised to sign as representative of the Operator)

Date.....19th March 2016.....

Permit Reference Number: BX8289IW

Operator: Princes Ltd

Installation: Princes Soft Drinks - Cardiff

Form Number: R1

Reporting of Waste Disposal and Recovery for the year2015.....

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
1) Hazardous Waste		0.98	0.98
2) Non-Hazardous Waste		306.019	306.019
TOTAL WASTE		306.999	306.999

Trends in Waste Disposal and Recovery Year	Hazardous waste (t)	Non hazardous waste (t) /	Total waste (t)
2008	0.985	772	773.15
2009	0.83	1312.5	1313.37
2010	2.49	843.66	846.15
2011	0.074	832.81	832.88
2012	28.511	1260.3	1288.79
2013	0.631	1015.16	1015.79
2014	0.418	743.72	744.14
2015	0.98	306.019	306.999

Operator's comments: Business sales have dropped in 2015 compared to previous years. There was also a significant breakdown on line B which had a serious impact on production output.

Signed
(Authorised to sign as representative of the Operator)

Date...21st March 2016.....

Permit Reference Number:BX8289IW

Operator: Princes Ltd

Installation: Princes Soft Drinks - Cardiff

Form Number: WU1

Reporting of Water Usage for the year2015.....

Water Source	Usage (m ³)	Specific Usage (m ³ /t)
Mains water	167707m ³	1.354
TOTAL WATER USAGE	167707	1.354

Trends in Water Usage Year	Parameter Named Water source	Total Water usage m ³	Water / finished product (t)
2011	ie Mains	245074	1.53
2012		185743	1.37
2013		192820	1.14
2014		189962	1.311
2015		176707	1.354

Operator's comments :

Signed
(authorised to sign as representative of the Operator)

Date...19th March 2016.....

Permit Reference Number: BX8289IW

Operator: Princes Ltd

Installation: Princes Soft Drinks - Cardiff

Form Number: E1

Reporting of Energy Usage for the year2015.....

Energy Source	Energy Usage Quantity	Primary Energy (MWh)	CO ₂ Produced (tonnes)
Electricity *	MWh 3735.734	8965.7616	1488.3164
Natural Gas	MWh 6022.39	6022.39	1143.5516
TOTAL	MWh 9758.124	14988.151	2631.868

* Conversion factor for delivered electricity to primary energy =delivered electricity to primary multiply by 2.4 (from 2010)
delivered electricity in kWh to kg CO2 multiply by 0.166

Year	Primary Energy usage	CO ₂ produced	CO ₂ / finished product (t)
2009	23938	2046	0.042
2010	25430	2458	0.043
2011	21938	2503	0.041
2012	15431	2718	0.039
2013	16795	2951	0.017
2014	16885	2961	0.018
2015	9758	2632	0.022

Operator's comments:

Signed
(Authorised to sign as representative of the Operator)

Date.....19th March 2016.....

Permit Reference Number:BX8289IW

Operator: Princes Ltd

Installation: Princes Soft Drinks - Cardiff

Form Number: PI1

Reporting of Performance Indicators for the year2015.....

Annual Production/m3	
Fruit Juices	123853

Environmental Performance Indicators

Parameter	Annual Average	Units
Specific water use	1.35	m3/m3 ratio
Specific waste production	8.1965	kg/m3
Specific energy use	435.7	MJ/m3

Trends in Environmental Performance			
Year	Parameter	Water use (m ³) /tonne of finished product	Waste kg/t of finished product
2013		1.14	6.03
2014		1.31	7.007
2015		1.35	8.1965
			Energy (MWh/finished product)
			359.4
			419.6
			435.7

Operator's comments: The business has experienced a drop in sales in 2015.

Signed



Date.....19th March 2016.....

(Authorised to sign as representative of the Operator)

Permit Reference Number BX8289IW

Operator: Princes Ltd

Installation: Princes Soft Drinks – Cardiff

Form Number S1

Reporting Emissions to Sewer for the period1st January 2015to.....31st Dec 2015.....

Emission Point	Substance/parameter	Emission Limit value(1)	Result
S1	COD	None set	5970
S1	pH	None set	7.72
S1	Suspended Solids	None set	81.3
S1	Effluent Flow	None set	28271
S1	Cadmium and its compounds as Cd	0.01mg/l	0.0000132
S1	Mercury and its compounds as Hg	0.1µg/l	0.0000216

(1) The emission limit values for mercury and cadmium are expressed as annual averages calculated by mass balance. See permit condition 6.1.1

Signed.....

Date.....19th March 2016.....

(Authorised to sign as representative of the Operator)