

Permit Number: PP3238LX Operator: Hexion UK Limited
 Installation: Barry Thermosets Plant Form Number: Air1 / 25/04/2013

Reporting of emissions to air for the period from 01/01/2017 to 31/12/2017

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result	Test Method ^[1]	Sample Date and Times ^[2]	Uncertainty ^[3]
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	Gas: 180mg/m ³	Spot sample	B1 – 137 B2 – 98	BS EN 14792 (A44)	18/09/2017 19/12/2017	24 24
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	Oil: 220mg/m ³	Spot sample		-	Not in use on sample dates	
A1	Carbon monoxide	140 mg/m ³	Spot sample	B1 – 2.4 B2 – 2.4	BS EN 15058 (A44)	18/09/2017 19/12/2017	12 12
A2	Phenol	10 mg/m ³	Spot sample	<1.7 <1.7 <1.8 <1.7	BS13649	20/03/2017 15/05/2017 18/09/2017 13/11/2017	50
A2	Formaldehyde	2 mg/m ³	Spot sample	<0.017 0.017 0.123 <0.017	BS13649	As above	30
A2	Styrene mg/m ³	NA	Spot sample	<0.051 <0.052 <0.053 <0.051	BS13649	As above	50

1. 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. gas chromatography.
2. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

3. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.



Signed
(Authorised to sign as representative of Operator)

Date 31st January 2018

Permit Number: PP3238LX Operator: Hexion UK Limited
 Installation: Barry Thermosets Plant Form Number: Energy1 / 25/04/2013

Reporting of Energy Usage for the year 2017

Energy Source	Energy Usage		Specific Usage (MW/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	5290 MWh	12700	0.12
Natural Gas	14700 MWh	35280	0.33
Gas Oil	- MWh		
TOTAL	17400MWh	41756	0.45

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :
 44631 tonnes produced in 2017



Signed
 (Authorised to sign as representative of Operator)

Date.....31st January 2018.....

Permit Number: PP3238LX Operator: Hexion UK Limited
Installation: Barry Thermosets Plant Form Number: WaterUsage1 / 25/04/2013

Reporting of Water Usage for the year 2017

Water Source	Usage (m ³ /year)
Towns water	45000
Biglis	129000
TOTAL WATER USAGE	174000

Operator's comments :



Signed
(authorised to sign as representative of Operator)

Date.....31st January 2018.....

Permit Number: PP3238LX Operator: Hexion UK Limited
Installation: Barry Thermosets Plant Form Number: Performance1 / 25/04/2013

Reporting of other performance indicators for the period 01/01/2017 to 31/12/2017

Parameter	Units
Water usage/Tonne product	3.90 m ³ /tonne
Energy usage/Tonne product	0.45 MWh/tonne

Operator's comments : 44631 tonnes produced in 2017



Signed
(Authorised to sign as representative of Operator)

Date31st January 2018.....

