

Permit Number: PP3238LX Operator: Hexion UK Limited
 Installation: Barry Thermosets Plant Form Number: E1 / 25/04/2013

Reporting of emissions to water (other than to sewer) for the period from 01/01/2016 to 31/03/2016

Emission Point	Substance / Parameter	Reference Period	Result ⁽¹⁾	Average Result ⁽⁵⁾	Test Method	Sample Date and Times ⁽²⁾	Uncertainty ⁽³⁾
E1	Total suspended solids		354	135		07/01/2016 14/01/2016 21/01/2016 28/01/2016 04/02/2016 11/02/2016 18/02/2016 25/02/2016 03/03/2016 10/03/2016 17/03/2016 24/03/2016 31/03/2016	
W1	Free formaldehyde		4	1.4		As above	
E1	Monohydric phenol		30	13		As above	
E1	Methanol		63	36		As above	
E1	Chemical Oxygen Demand		826	549		As above	

1. The result given is the maximum value obtained during the reporting period (3 months), expressed in the same terms as the emission limit value.
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.
4. An average of the samples taken over the reporting period (every 3 months).



Signed
(Authorised to sign as representative of Operator)

Date 25th April 2016

Permit Number: PP3238LX Operator: Hexion UK Limited

Installation: Barry Thermosets Plant Form Number: Water1 / 25/04/2013

Reporting of emissions to water (other than to sewer) for the period from 01/01/2016 to 31/03/2016

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ⁽¹⁾	Average Result ⁽⁵⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
W1	Daily discharge. Maximum volume of effluent discharged under dry conditions determined by no significant rainfall over the previous 48 hours on the Barry site. discharged.	6800m ³	Instantaneous	3812	1368		07/01/2016 14/01/2016 21/01/2016 28/01/2016 04/02/2016 11/02/2016 18/02/2016 25/02/2016 03/03/2016 10/03/2016 17/03/2016 24/03/2016 31/03/2016	
W1	Daily discharge. Maximum volume of effluent	15900m ³	Instantaneous	3812	1368		As above	
W1	Flow	0.19m ³ /s	Instantaneous	0.044	0.016		As above	
W1	Monohydric phenol	10mg/l	24-hour flow proportional sample	9	3.5		As above	
W1	Total suspended solids	150mg/l	24-hour flow proportional sample	91	36	BS EN 872	As above	

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Average Result ^[5]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Chemical Oxygen Demand	1000mg/l	24-hour flow proportional sample	402	280		As above	
W1	Methanol	50mg/l	24-hour flow proportional sample	25	11		As above	
W1	Acrylonitrile	50mg/l	24-hour flow proportional sample	0	0		As above	
W1	Free formaldehyde	10mg/l	24-hour flow proportional sample	2	0.5		As above	
W1	Styrene	None	24-hour flow proportional sample	n/a	n/a			
W1	pH	6-9	Instantaneous	7.5	7.2		As above	
W1	Monohydric phenol	10950 kg/year	Annual mass release		-	-	-	
W1	Methanol	43800 kg/year	Annual mass release		-	-	-	
W1	Acrylonitrile	51000 kg/year	Annual mass release		-	-	-	
W1	Free formaldehyde	10950 kg/year	Annual mass release		-	-	-	

1. The result given is the maximum value obtained during the reporting period (3 months), expressed in the same terms as the emission limit value.
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. gas chromatography.
3. 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.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.
5. An average of the samples taken over the reporting period (every 3 months). This figure is for information only.



Signed
(Authorised to sign as representative of Operator)

Date 25th April 2015
2016
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