

Permit Number: PP3238LX

Operator: Bakelite Synthetics UK Limited

Installation: Barry Thermosets Plant

Form Number: Air1 / 25/04/2013

Reporting of emissions to air for the period from 01/01/2021 to 31/12/2021

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 – 54.9 B2 – 31.7	BS EN 14792 (A44)	02/09/2021	6.5 12.9
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 – 3.2 B2 – 21.8	BS EN 15058 (A44)	02/09/2021	2.6 5.5
A2	Phenol	10 mg/m ³	Spot sample	<0.18 0.16 <0.33 <0.16	BS13649	25/02/2021 27/04/2021 02/09/2021 12/11/2021	0.02 0.02 0.034 0.034
A2	Formaldehyde	2 mg/m ³	Spot sample	0.04 0.09 0.11 0.037	BS13649	As above	0.01 0.01 0.033 0.0111
A2	Styrene mg/m ³	NA	Spot sample	<0.08 <0.07 <0.14 <0.062	BS13649	As above	0.02 0.01 0.014 0.012

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.....28th January 2022.....