

DP3832EF

Permit Number: EPR/BR9745B-

Operator: Biotage GB Limited

Facility: Unit C IST House, Distribution Way.

Form Number: Air1 / 20/02/15

Reporting of emissions to air for the period from 01/01/2014 to 31/12/2014 *all at new*
~~DDMMYY~~ Measurements to be carried out 16/03/15 – 18/03/15

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1 Main building EP1	Hydrogen chloride	10 mg/m ³	Spot Sample				
A1 Main building EP1	VOC - Methanol	2700 mg/m ³	Spot Sample				
A2 Main building EP1	Hydrogen chloride	29 mg/m ³	Spot Sample				
A2 Main building EP1	VOC - Methanol	27 mg/m ³	Spot Sample				
A3 Main building EP1	Hydrogen chloride	35.7 mg/m ³	Spot Sample				
A3 Main building EP1	VOC - Methanol	260 mg/m ³	Spot Sample				
A4 Resin shed EP2	Hydrogen Bromide	0.2 mg/m ³	Spot Sample				

[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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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.

Signed *N Jenkins*
(Authorised to sign as representative of Operator)

Date 20/02/15

08/05/14

DP3832 EF
 Permit Number: EPR/BR97151B- 28

Operator: Biotage GB Limited

Facility: Unit C IST House, Distribution Way.

Form Number:

Performance1 / 20/02/15

Reporting of other performance indicators for the period 01/01/2014 to 31/12/2014

Parameter	Units
Polystyrene polymer	0.023 tonnes/year for activity A1
1,2 - Dichloroethane	0.332 tonnes/year for activity A1
Bromine	0.0166 tonnes/year for activity A1
Thallium acetate	0.00037 tonnes/year for activity A1
Dichloromethane	0.305 tonnes/year for activity A1
Methanol	0.218 tonnes/year for activity A1
Amorphous synthetic silica	0.2299 tonnes/year for activity A2
Ethylbenzene	0.429 tonnes/year for activity A2
Imidazole	0.0121 tonnes/year for activity A2
Trichlorosilanes (various)	0.115 tonnes/year for activity A2
Hexane	0.917 tonnes/year for activity A2
Acetone	1.455 tonnes/year for activity A2
Methanol	0.917 tonnes/year for activity A2
Si - Thiol	0.2655 tonnes/year for activity A3
Nitric Acid	0.3752 tonnes/year for activity A3
Methanol	3.151 tonnes/year for activity A3
Bonded silica sorbents	0.0244 tonnes/year for activity A4
Dichloromethane	0.048 tonnes/year for activity A4
Chlorosulfonic acid	0.0326 tonnes/year for activity A4
Methanol	1.284 tonnes/year for activity A4
Potable Water usage	1.737 tonnes
Energy usage - Electricity	585 MWh
Energy usage - Natural Gas	408 MWh

08/05/14

Parameter	Units
Total amount of product produced – Activity A1	0.02861 tonnes
Total amount of product produced – Activity A2	0.274 tonnes
Total amount of product produced – Activity A3	0.2728 tonnes
Total amount of product produced – Activity A4	0.0228 tonnes
Total amount of hazardous waste produced	30.31 tonnes
Total amount of non-hazardous waste produced	117.742 tonnes

Operator's comments :

No emissions monitoring has been carried out to date. This is scheduled for 16 – 18/03/15 due to a mis-understanding over reporting dates

Signed *N. Jenkins* Date 24/03/15
(Authorised to sign as representative of Operator)

08/05/14