



Natural Resources Wales  
Chester Road  
Buckley  
Flintshire  
CH7 3AJ

Attention of: Elizabeth Voice – Regulatory Officer, Industry Regulation Team

28<sup>th</sup> July 2017

Dear Ms Voice

**Re: Quarter 2 Monitoring Report for 2017 - Permit Number: EPR/BR9383ID**

Please find enclosed the completed emissions reporting forms for the period from 1<sup>st</sup> April 2017 to 30<sup>th</sup> June 2017.

I trust this information is satisfactory, however, please do not hesitate to contact me should you require any further information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Keouski'.

**Claire Keouski**  
**HSE Manager**

Permit Number: EPR/BR9383ID

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1a

**Reporting of emissions to air for the quarter from 1<sup>st</sup> April to 30<sup>th</sup> June 2017 Continuous Emissions Monitoring:**

Emission Point	Substance / Parameter	Emission Limit Value	Month 1 Average of daily average values	Month 1 Maximum Daily average value	Month 2 Average of daily average values	Month 2 Maximum Daily average value	Month 3 Average of daily average values	Month 3 Maximum Daily average value
A	Particulate Matter	20 mg/m <sup>3</sup>	0.72	1.09	0.64	0.89	0.84	1.08
A	Oxides of Nitrogen (expressed as NO <sub>2</sub> )	300 mg/m <sup>3</sup>	140.66	173.21	138.18	163.80	152.43	186.01
A	Oxides of Sulphur (expressed as SO <sub>2</sub> )	1350 mg/m <sup>3</sup>	971.45	1208.75	920.15	1230.72	942.82	1241.01
A	Carbon Monoxide	80 mg/m <sup>3</sup>	37.97	71.39	52.5	99.17	45.51	79.37

Note. All concentration values are in mg/N m<sup>3</sup> @ 8% O<sub>2</sub> Dry Gas.

In month 1, an un-authorised release for Carbon Monoxide was reported on 13<sup>th</sup> April (Reference Number EP\_EX\_169); however, upon full validation of CEMs data, the Maximum Daily Average for Carbon Monoxide was below the ELV and therefore, the Part A Notification of EP\_EX\_169 has been withdrawn.

The high Maximum Daily Average value in month 2 for Carbon Monoxide was reported as un-authorised release on 24<sup>th</sup> May (Reference Numbers EP\_EX\_170).

Signed .....   
(Authorised to sign as representative of Operator)

Date.....28/07/2017

Permit Number: EPR/BR9383ID

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1c

**Reporting of emissions to air for the 6 month period 1<sup>st</sup> April to 30<sup>th</sup> June 2017 Point C, Mainline forming stack**

Emission Point	Substance / Parameter	Emission Limit Value	Result <sup>[1]</sup>	Sample Date and Times	Result <sup>[2]</sup>	Sample Date and Times	Result <sup>[3]</sup>	Sample Date and Times
C	Particulate Matter	50 mg / m3	24.0	27/04/2017 12:29 to 13:33	26.4	27/04/2017 13:38 to 14:41	32.5	27/04/2017 14:47 to 15:52
C	Volatile Organic Compounds as C	30 mg / m3	5.2	26/04/2017 17:40 to 18:10	6.8	26/04/2017 18:12 to 18:42	6.8	26/04/2017 18:47 to 19:17
C	Ammonia	50 mg / m3	8.5	27/04/2017 12:29 to 13:33	17.1	27/04/2017 13:38 to 14:41	20.4	27/04/2017 14:47 to 15:52
C	Formaldehyde	5 mg / m3	0.95	26/04/2017 17:10 to 18:10	3.2	27/04/2017 08:30 to 09:35	1.9	27/04/2017 09:40 to 10:45
C	Phenol	10 mg / m3	<0.57	27/04/2017 08:40 to 08:45	<0.57	27/04/2017 10:40 to 10:45	<0.57	27/04/2017 12:40 to 12:45
C	Amines	3 mg/m3	<1.9	27/04/2017 08:30 to 08:35	<1.9	27/04/2017 10:30 to 10:35	<1.9	27/04/2017 12:30 to 12:35

Note: All results are expressed in mg/Nm<sup>3</sup> without correction for water vapour.

Signed ..... *Keaush*  
(Authorised to sign as representative of Operator)

Date.....28/07/2017