



Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Attention of: Berwyn Williams – Senior Officer, Industry Regulation Team North East

21st April 2021

Dear Mr Williams

Re: Quarter 1 Monitoring Report for 2021 - Permit Number: EPR/BR9383ID/V011

Please find enclosed the completed emissions reporting forms for the period from 1st January 2021 to 31st March 2021.

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 blue ink, appearing to read 'Graham Jones'.

Graham Jones
Environment Energy and Compliance Manager

Permit Number: EPR/BR9383ID/V011

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1a

Reporting of emissions to air for the quarter from 1st January to 31st March 2021 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/m3	1.513	3.736	2.908	5.974	2.399***	5.046
A	Oxides of Nitrogen (expressed as NO ₂)	300 mg/m3	138.08	142.27	128.98	141.85	148.84	168.89
A	Oxides of Sulphur (expressed as SO ₂)	1350 mg/m3	1104.28	1159.67	1133.75	1370.88**	1308.17	1441.68**
A	Carbon Monoxide	80 mg/m3	22.53	65.96*	18.12	43.54	40.44	62.91

Note. All concentration values are in mg/N m³ @ 8% O₂ Dry Gas.

*- Breach of ELV for CO at emission point A was reported in Part A Notification EP_EX_256. This was subsequently withdrawn after reconciliation of data relating to a plant shut.

** - Breaches of ELV for Oxides of Sulphur (as SO₂) were reported in Part A Notifications EP_EX_258, 259 and 260

***- Failure of Durag dust monitoring probe due to contamination was reported in Part A Notification EP_EX_261 (affected results 16th to 28th March)

Signed



(Authorised to sign as representative of Operator)

Date.....21st April 2021

Permit Number: EPR/BR9383ID/V011

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1c

Reporting of emissions to air for the 3 month period for 1st January to 31st March 2021 Point G, Cooling Zone Stack

Emission Point	Substance / Parameter	Emission Limit Value	Result 1	Sample Date and Time	Result 2	Sample Date and Time	Result 3	Sample date and Time
G	Particulate Matter	10 mg/m ³	8.2	01/03/2021 10:11 to 10:31 10:32 to 10:52	8.2	01/03/2021 11:04 to 11:24 11:25 to 11:45	8.7	01/03/2021 11:54 to 12:14 12:15 to 12:35
G	Ammonia	10 mg/m ³	1.3	01/03/2021 10:11 to 10:31 10:32 to 10:52	2.1	01/03/2021 11:04 to 11:24 11:25 to 11:45	2.6	01/03/2021 11:54 to 12:14 12:15 to 12:35

Signed

(Authorised to sign as representative of Operator)



Date.....21st April 2021

Permit Number: EPR/BR9383ID/V011

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1h

Reporting of emissions to air for the 3 month period for 1st January to 31st March 2021 Point A, Cupola Stack After Oxidizer

Emission Point	Substance / Parameter	Emission Limit Value	Result 1	Sample Date and Time	Result 2	Sample Date and Time	Result 3	Sample date and Time
A	Chlorides as HCl	10 mg/m ³	7.9	26/2/2020 09:34 to 10:04	17.3*	26/2/2020 10:06 to 10:36	14.2*	26/2/2020 10:38 to 11:08

*- Breach of ELV for Chlorides as HCl at emission point A was reported in Part A Notification EP_EX_266

Signed 

Date.....21st April 2021

(Authorised to sign as representative of Operator)