



Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Attention of: Alison Soper – Regulatory Officer PPC/RSR

14th October 2015

Dear Mrs Soper

Re: Quarter 3 Monitoring Report for 2015 - Permit Number: EPR/BR9383ID/V005

Please find enclosed the completed emissions reporting forms for the period from 1st July 2015 to 30th September 2015.

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

Yours sincerely

Claire Hensley
HSE Manager



Permit Number: EPR/BR9383ID/V005

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1a / 011208

Reporting of emissions to air for the quarter from 1st July to 30th September 2015:

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	30 mg/m3	0.49	2.27	0.34	1.05	0.21	0.54
A	Oxides of Nitrogen (expressed as NO2)	300 mg/m3	101.12	165.70	70.93	158.95	79.69	161.46
A	Oxides of Sulphur (expressed as SO2)	1350 mg/m3	795.77	1331.85	604.92	1371.66	645.89	1277.96
A	Carbon Monoxide	80 mg/m3	25.25	106.04	12.14	97.07	27.04	235.38

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

The high Maximum Daily Average value in month 1; month 2; and month 3 for Carbon Monoxide were reported as un-authorised releases on 23rd July; 17th August; and 14th September (Reference Numbers EP_EX_150; EP_EX_151; and EP_EX_152).

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

Date.....14/10/2015

Permit Number: EPR/BR9383ID/V005

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Sewer1/011208

Reporting of emissions to sewer for the quarter from July to 30th September 2015:

Parameter	Sample Date and Time						
	06/07/2015	08/08/2015	24/08/2015	02/09/2015			
	10:30	17:10	13:35	14:30			
Phenol mg/l	40.9	157	40.2	29.9			
Total phenolic mg/l	42	162	43.1	30.8			
Formaldehyde mg/l	5.16	80.40	23.8	13.9			
Fluoride mg/l	2.38	8.25	2.29	0.924			
Ammonia mg/l	180	910	249	41.7			
pH	7.54	7.60	7.46	7.89			
COD mg/l	3920	24500	5450	2300			
Total Suspended Solids mg/l	256	880	392	422			
Oil and Grease mg/l	37.4	187	33.3	13.8			
Averaging Flow m ³ / hour (limit 2.5m ³ / hr)	1.085	1.992	2.125	2.741			
Total Batch Volume	53.52	68.91	112.78	132.92			

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

Date.....12/10/2015

Permit Number: EPR/BR9383ID/V005

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Water1/011208

Reporting of emissions to water (other than sewer) for the six month period from 1st July to 31st December 2015:

Emission Point	pH	Suspended Solids (mg/l)	COD (mg/l)	Sample Date	Sample Time
L1	-	-	-	-	-
L2	-	-	-	-	-
L3	7.63	4.5	16.4	22/09/2015	12:10
L4	7.9	37	40.9	22/09/2015	12:00
L5	7.87	10.5	14.3	22/09/2015	11:35
L6	7.62	18.5	35.5	22/09/2015	11:30

Note. No discharge from L1 or L2 during the monitoring period.

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

Date.....12/10/2015