



Mrs Alison Soper
Environment Agency
Chester Road
Buckley
Flintshire CH7 3AJ

17th April 2013

Dear Alison Soper,

Quarter 1 Monitoring Report 2013 – Permit Number EA/EPR/BR9383ID/V005

Please find enclosed the completed emissions reporting forms for the quarter 1st January 2013 to 31st March 2013.

Should you require any further information please contact me directly.

Yours Sincerely,
On behalf of Knauf Insulation Limited

B. K. Pratley
B.K. Pratley,
Environmental Manager

MONITORING RETURNS N. WALES

	INITIALS	DATE
CHECKED Vs AUTHORITY	AS	19/4/13
TRACKING	JB	19.4.13
OK FOR PUBLIC REGISTER	AS	19/4/13
LOADED TO PUBLIC REGISTER	JB	EDRM



Permit Number: EA/EPR/BR9383ID/V003

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1a / 011208

Reporting of emissions to air for the quarter from 01 January 2013 to 31 March 2013.

Emission Point	Substance / Parameter	Emission Limit Value	Month 1			Month 2			Month 3		
			Average of daily average values	Maximum Daily average value	Average of daily average values	Maximum Daily average value	Average of daily average values	Maximum Daily average value			
A	Particulate Matter	30 mg/m ³	0.34	2.10	0.34	0.96	0.44	2.17			
A	Oxides of Nitrogen (expressed as NO ₂)	300 mg/m ³	141.37	184.11	117.00	166.70	110.80	185.64			
A	Oxides of Sulphur (expressed as SO ₂)	1350 mg/m ³	950.58	1205.55	860.78	1257.89	758.96	1243.07			
A	Carbon Monoxide	80 mg/m ³	31.43	69.38	18.86	92.75	36.13	504.26			

Note. The high maximum Daily Averages seen in Months 2 and 3 were reported as unauthorised releases. Reference Numbers: EP_EX104 and EP_EX105.

Signed
(Authorised to sign as representative of Operator)

B.K. Prathy

Date 17th April 2013.

Permit Number: EA/EPR/BR98383ID/M003

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1g / 011208

Reporting of boundary dust emissions for the quarter from 01 January 2013 to 31 March 2013.

Sample No.	Sample Date	Sampling Duration Days.	Apparent Deposition Rate mg/m ² day				Comments
			Head No 1	Head No 2	Head No 3	Head No 4	
334	07/01/2013	15	21	34	18	20	
335	21/01/2013	14	40	56	25	53	
336	04/02/2013	14	166	509	55	73	
337	18/02/2013	14	74	340	49	106	
338	04/03/2013	14	49	96	56	105	
339	19/03/2013	15	58	91	71	89	

Note:

Signed
(Authorised to sign as representative of Operator)

B K Prathy

Date 17th April 2013.

Permit Number: EA/EPR/BR9383ID/V003

Facility: Queensferry Mineral Fibre Works

Operator: Knauf Insulation Ltd

Form Number: Sewer1/011208

Reporting of emissions to sewer for the quarter from 01 January 2013 to 31 March 2013.

Parameter	Sample Date and Time			
	03/01/2013	28/01/2013	15/02/2013	
	10:30	14:00	13:30	
Phenol mg/l	0.27	10.1	42.4	
Total phenolic mg/l	1	12	61	
Formaldehyde mg/l	<0.5	4.08	8.78	
Fluoride mg/l	<0.5	0.6	0.9	
Ammonia mg/l	32	37	150	
pH	8.29	8.02	7.54	
COD mg/l	294	1690	3200	
Total Suspended Solids mg/l	950	1680	468	
Oil and Grease mg/l	1.06	21	5.133	
Averaging Flow m ³ / hour (limit 2.5m ³ / hr)	2.196	1.566	1.705	
Total Batch Volume	45.0	48.2	83.1	

Note.

B. K. Prathap

Date17th April 2013.

Signed
(Authorised to sign as representative of Operator)