

Q1 2014

KNAUFINSULATION



Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Attention of: Alison Soper – Regulatory Officer PPC/RSR

28th April 2014

Dear Mrs Soper

Re: Quarter 1 Monitoring Report for 2014 - Permit Number: EPR/BR9383ID/V005

Please find enclosed the completed emissions reporting forms for the period from 1st January 2014 to 31st March 2014.

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

Yours sincerely

Claire Hensley
Environmental Manager

MONITORING RETURNS N. WALES

	INITIALS	DATE
CHECKED Vs AUTHORISATION	AS	6/5/14
TRACKING	JB	28.4.14
OK FOR PUBLIC REGISTER	AS	6/5/14
APPROVED FOR PUBLIC REGISTER	JB	EDRM

BS EN ISO 9001:2008



PM01785 Q06047 FM00608
FM12162

KNAUF INSULATION LTD.

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REGISTERED OFFICE: STAFFORD ROAD, ST HELENS, MERSEYSIDE, WA10 2NS, UK. REGISTERED IN ENGLAND, COMPANY NUMBER 1926942.

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 January to 31st March 2014:

Emission Point	Substance / Emission Parameter / 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/m ³	0.60	0.98	2.25	23.45	1.16	2.29
A	Oxides of Nitrogen (expressed as NO ₂) 300 mg/m ³	133.43	182.82	162.54	277.61	115.47	189.12
A	Oxides of Sulphur (expressed as SO ₂) 1350 mg/m ³	744.37	1004.38	830.87	1010.18	638.94	1061.19
A	Carbon Monoxide 80 mg/m ³	22.41	86.14	38.14	97.59	23.35	111.65

Note. All concentration values are in mg/N m³ @ 8% O₂ Dry Gas. The high Maximum Daily Average values in months 1, 2 and 3 for Carbon Monoxide were reported as unauthorised releases on 20th January (Reference Number EP_EX_127), 5th February (Reference Number EP_EX_129) and 13th March 2014 (Reference Number EP_EX_131).

Signed
(Authorised to sign as representative of Operator)

Date.....28/04/2014

Permit Number: EPR/BR9383ID/V005

Operator: Knauf Insulation Ltd

Facility: Queensferry Mineral Fibre Works

Form Number: Air1g / 011208

Reporting of boundary dust emissions for the quarter from 1st January to 31th March 2014:

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	
360	06/01/2014	14	44	72	19	64	
361	21/01/2014	15	8	24	3	7	
362	04/02/2014	14	54	15	21	49	
363	18/02/2014	14	88	58	20	40	
364	04/03/2014	14	64	94	36	36	
365	18/03/2014	14	48	41	33	40	

Note. Collector Tube No. 2 absent between 21st and 27th January for repairs.

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

Date.....28/04/2014

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 1st January to 31st March 2014:

Parameter	Sample Date and Time			
	06/01/2014 15:30	28/01/2014 12:00	10/02/2014 13:45	25/03/2014 14:40
Phenol mg/l	59.3	18.8	7.15	26.2
Total phenolic mg/l	66.5	19.1	7.26	26.5
Formaldehyde mg/l	4.31	12.2	3.58	6.58
Fluoride mg/l	1.26	<0.5	<0.5	0.696
Ammonia mg/l	160	40	25.1	56.6
pH	7.29	7.69	8.18	7.06
COD mg/l	2730	1620	724	1770
Total Suspended Solids mg/l	432	246	255	356
Oil and Grease mg/l	20.2	1.77	2.34	8.47
Averaging Flow m ³ / hour (limit 2.5m ³ / hr)	1.866	2.319	1.880	2.429
Total Batch Volume	140.91	68.99	176.72	77.53

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

Date.....28/04/2014

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 quarter from 1st January to 31th March 2014:

Emission Point	pH	Suspended Solids	COD	Sample Date	Sample Time
L1	-	-	-	-	-
L2	-	-	-	-	-
L3	7.2	20.5	7.67	12/02/2014	11:40
L4	6.78	20.5	26.3	12/02/2014	11:20
L5	7.62	45.4	34.6	12/02/2014	11:05
L6	6.88	4	6.88	12/02/2014	11:00

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

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

Date.....28/04/2014

