



PERSONAL MONITORING

Certificate Reference:	J133380/DT01	Client Order No. (if applicable):	To Follow
Sampling Date:	20 Sep 2023	Time Arrived on Site:	08:30
Client Name and Address:	Horizon Environmental, Wilcox Close, Aylesham Industrial Estate, Aylesham, Kent, CT3 3EP		
Site Address:	St. Cuthberts Mill Ltd, St. Cuthberts Paper Mill, Haybridge, Wells, Somerset, BA5 1AG		
Location of Work Area:	Old Boiler House - Areas 1.02 & 1.03 Right Side Enclosure - Third Floor		
Removal Contractor:	Horizon Environmental, Wilcox Close, Aylesham Industrial Estate, Aylesham, Kent, CT3 3EP		
Sampling Officer:	Jim Scholes	Fibre Counting Analyst:	Jim Scholes

DETAILS OF WORK

Personal Monitoring of:	Jacob Rowley, Jamie Hewings & Matthew Hewings
Reason for Sampling:	Personal air monitoring conducted to check the effectiveness of gel wrap and cut technique.
Work Activity During Sampling:	Personal air monitoring conducted during the removal of asbestos insulation to pipework via gel wrap and cut technique.
Type of Material:	Asbestos insulation
Type of Asbestos (if known):	Chrysotile (white asbestos), Amosite (brown asbestos) & Crocidolite (blue asbestos)

Sampling carried out by our own officers follows the procedures documented in our internal method M4 – The Sampling of Air, by Personal and Static Means, for Analysis to Determine the Airborne Asbestos Fibre Concentrations. Analysis has been carried out in accordance with our internal method M1 – The Measurement of Asbestos Fibre Concentrations, in Air, by Light Microscopy. Both these internal methods follow the standard methods as outlined in the HSE publication 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures' (HSG248). The uncertainty of measurement for the procedures carried out has been calculated and shown to be within the required parameters of HSG 248. Full details of the assessment carried out is documented in our internal methods which are available on request. Any deviations from these standard methods are detailed above.

No responsibility is taken for sampling that is not carried out by our own officers. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. This test report shall not be reproduced, except in full, without the written permission of the laboratory.

G&L Consultancy Ltd

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AIR MONITORING TABLE

Site Ref No	Laboratory Ref No	Pump No	Sampling Period		Flow Rate		Volume (litres) (V)	No of Graticule areas (n)	Fibres (N)	Concentration Fibres/ml	Reported Result fibres/ml	LoQ
			Start End	Total (Mins)	Start End	Total (L/min)						
1	DT002233	GL2887	09:27	55	2.5	2.5	138	200	12.5	0.0219	<0.03	0.035
			10:22		2.5							
2	DT002234	GL2886	09:27	55	2.5	2.5	138	200	24.5	0.0430	0.04	0.035
			10:22		2.5							
3	DT002235	GL2888	09:21	61	2.5	2.5	153	200	16.5	0.0263	<0.03	0.031
			10:22		2.5							
4	DT002236	GL2885	09:19	63	2.5	2.5	158	200	15.5	0.0237	<0.03	0.030
			10:22		2.5							

The quantitative measurement of the fibres present within an air sample is referred to as the airborne respirable fibre concentration. The reported result is therefore for all respirable fibres and not limited to asbestos fibres only.

Site Temp: 17.3°C **Analysis Location:** OY22 SOC

Site Pressure: N/A **Slides Stored In Slide Box No:** SBX136

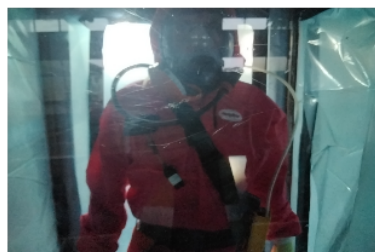
Exposed Filter Diameter (D): 22.0mm **Flowmeter Correction Factor:** N/A

Walton Beckett Graticule (d): 100µm **5th Line of HSE / NPL Test Slide Observed:** Yes

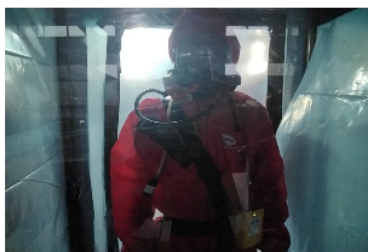
Comments:

During works, all operatives were wearing red type 5/6 cat III coveralls and full face respirators. 5 cuts were being made along a section of horizontal insulated pipe. A gel wrap was being secured around the cutting area, and then a reciprocating saw was used to cut through the pipework. Following the cut, the exposed insulation was being wrapped up using asbestos waste bags. Jacob was cutting the pipework with a reciprocating saw while Jamie and Matthew were holding the pipe steady and bagging/wrapping up the waste. Following the cutting, any loose debris was being cleaned up using a H-type vac.

PHOTOGRAPHS



Jamie Hewings



Matthew Hewings



Jacob Rowley



During First Cut



During Second Cut



During Bagging Up

PERSONAL MONITORING RESULT

Personal monitoring has been carried out to determine the airborne fibre levels produced during the specific activity being monitored. The fibre levels are detailed in the table on page 2 of this report. This information may be used to determine whether the current methods of work are suitable or if any adjustments need to be made to reduce the level of fibre release during the work activity. If you need specific advice on the results obtained please contact G&L Consultancy Ltd.

Analyst: Jim Scholes

Signed:

Date: 20 Sep 2023

Time: 13:28

Report Received by: Lee Woodward

Signed:



PERSONAL MONITORING - SUMMARY CERTIFICATE

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PERSONAL MONITORING RESULT

Personal monitoring has been carried out to determine the airborne fibre levels produced during the specific activity being monitored. The fibre levels are detailed in the table on page 2 of the full report. This information may be used to determine whether the current methods of work are suitable or if any adjustments need to be made to reduce the level of fibre release during the work activity. If you need specific advice on the results obtained please contact G&L Consultancy Ltd. Sampling has been carried out follows our internal methods M1 and M4. Please refer to the full report for further details.

Analyst:	Jim Scholes	Signed:	
Date:	20 Sep 2023	Time:	13:28
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