

Report No: F 48317

Nature of Work: ANALYTICAL AIR MONITORING

Date Of Work: 26-7-13

Issue Date: 26-7-13

Client Name & Address:

OSM DEMOLITION LTD.
ARDEN HOUSE
ARDEN ROAD
HEARTLANDS
BIRMINGHAM
B8 1DE

Site Address:

LAWRENCE RECYCLING
THE FORGE
STOURPORT ROAD
KIDDERMINSTER
DY11 7QE

Location On Site:

EXTERNAL ROOF SHEETS TO
FIRE DAMAGED WAREHOUSE.

Order Placed By: MR KEIRON JONES Site Contact: MR PAUL FERRAN

Technical Manager: MR C. REEVES Site Consultant(s): MS L. FARMER

Authorised Signatory Name: LOUISE FARMER

Job Title/Description: ANALYST - SURVEYOR

Signature: .

Time Commenced: 9.00 hours Time Ended: 11.30 hours

Test method is as described by the HSE in HSG248

~~* Non accredited tests included in this report *~~

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atac



Results:

Sample ref.	Pump ref.	Head ref.	Key	Sampling times	Rates of flow (l/min)		Corrected volume (litres)	Fibres/fields	Airborne fibre concentration (f/ml)	Analyst
					Start	Stop				
01	D007	339	O.	9.27 9.57	2.0	2.0	60.0	3.5 200	<0.08	UF
02	D26	60	R	9.29 10.30	8.4	8.2	506.3	1.5 200	<0.01	UF
03	D23	338	R	9.30 10.30	8.4	8.2	498.0	3.0 200	<0.01	UF
04	D32	50	R	9.31 10.31	8.4	8.4	504.0	4.0 200	<0.01	UF
05	J004. 386.	64	R	9.33 10.33	8.4	8.2	498.0	1.5 200	<0.01	UF
06	N/A	210	A	Blank	NOT COUNTED					
NO SAMPLES.										

Number of samples on this page: SIX (6)

Key: C = Clearance; L = Leak; B = Background; O = Occupational; R = Reassurance.

Calibration Details:

Microscope serial no.	DS03	Stage micrometer no.	DSM02
Flowmeter serial no.	DF02 ATB.	Graticule diameter (µm)	100
Timepiece serial no.	DT02	HSE/NPL test slide no.	4645
"O" ring diameter (mm)	22	Group observed on test slide	5LL
Thermometer serial no.	DT02	Barometer serial no.	DB02

Site Conditions:

Asbestos removal contractor:	DSM DEMOLITION LTD. - MR PAUL FERRAN		
Asbestos materials removed:	ASBESTOS CEMENT ROOF SHEETS TO FIRE DAMAGED WAREHOUSE ROOF	Filter preparation carried out in:	0409 KLV.
Temperature (K) @ calibration site:	296	Pressure (mb) @ calibration site:	795
@ sample site(s):	296	@ sample site(s):	795
Correction / No correction of sample volumes was required (If corrections were required see comments section)			

Sample Details:

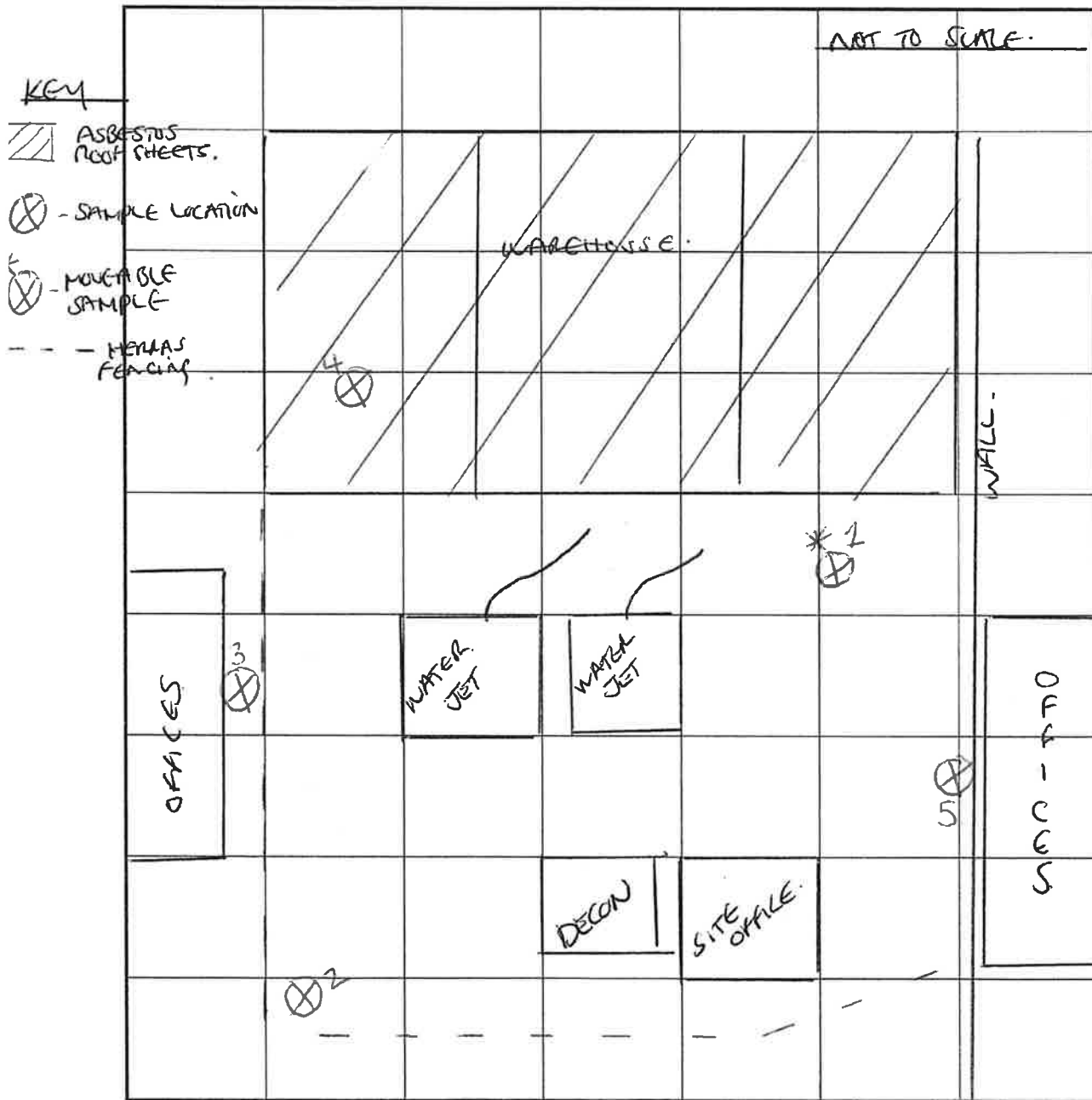
Min. volume of air drawn:	≥ 480.0 litres	0.01 f/ml Detection limit
Min. volume of air drawn:	60.0	0.08

Clearance Only:

Enclosure size (m ² or m ³):	N/A	Min. no. of samples required for clearance:	N/A	Hygiene facilities report no:	DU N/A
Prior to the clearance air monitoring a brush disturbance was conducted lasting			N/A	minutes.	

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Diagram: LAWRENCE RECYCLING THE FURZE STUCCOPORT ROAD
KIDDERMINSTER
(including location of test area, approximate dimensions and sampling sites)



Site diagram accurately represents situation on site.

(Signature of client / contractor representative): *NA*

(Signature of analyst):

Date:

Date: 26.7.13.

Comments and Summary:

TIME	COMMENTS / SITE LOG
	<p>Bradley Environmental Consultants Ltd (BECU), were requested to attend site today by the client at Lawrence Recycling, The Forge, Kidderminster to carry out analytical air monitoring during the removal of asbestos cement roof sheets to three fire damaged warehouses.</p>
	<p>Two Boss water jet systems were being used to damp down all debris as works were being carried out. All workers working in the direct area were wearing type 5/6 coveralls with a P3 filtered mask.</p>
	<p>For reassurance air monitoring four static pumps were calibrated in accordance with HSS-248 The Analysts Guide and situated around the area of works (please see diagram page) paying attention to areas where occupancy of buildings near by was occurring.</p>
	<p>Analysis of the samples generated a result to be $<0.01/f$ in all cases thus suggesting at the time of sampling airborne fibre levels have not been raised with the works taking place, and suppression in place was effective.</p>
	<p>A personal air monitor calibrated in the same way as previous static pumps was issued to Mr _____ of DSM Demolition who was wearing type 5/6 coveralls with a p3 filtered mask.</p>

Comments and Summary:

TIME	COMMENTS / SITE LOG
	.A
	was doing general tasks within the area of debris to the floor and plant equipment was being used around him to put the asbestos waste into a skip.
	Analysis of the sample generated a result to be $0.08 \mu\text{m}$, this indicating that RPE/PPE was suitable and sufficient for the works
	As BEA left site works continued.
	c 1.

