



Essex Asbestos Testing Ltd

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8007

AIRBORNE FIBRE COUNT CERTIFICATE

Report No: F/23/1272

Date on Site: 15.09.2023

Time on site: 07.00 hours

Technician: I Donaldson

Client name and address: Horizon Environmental Ltd, Ovendon House, Willcox Close, Aylesham, Kent CT3 3EP
Contact name: C Smith

Contractor's name and address: Horizon Environmental Ltd, Ovendon House, Willcox Close, Aylesham, Kent CT3 3EP
Site supervisor: M Holder

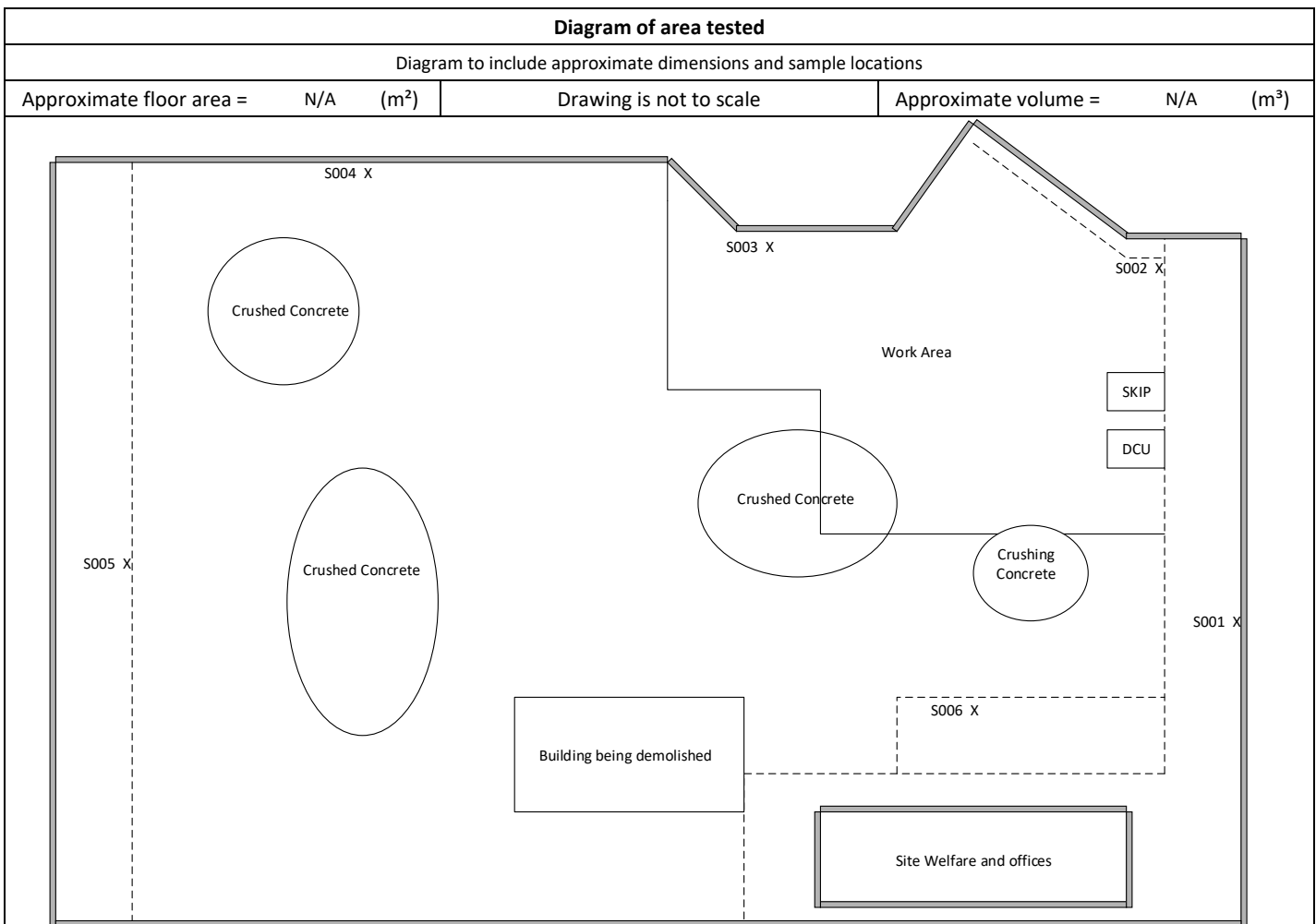
Site address: Former Holloway Prison, Parkhurst Road, London. N7 0NU

Location on site: All Areas

Brief description of work being carried out: Crushing concrete, Moving Crushed concrete preparing ground

Description of testing to be carried out: Far Source Test

Comments: Sample S009 unreadable due to being overloaded with dust. All other Air Test Results were Satisfactory
Opinions and interpretations contained in this report are clearly marked and are outside the scope of Essex Asbestos Testing's UKAS accreditation.



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Technical details					
Microscope No:	MIC1	Filter batch No:	410,412	Low Flow meter No:	LFM1
Phase Telescope No:	PT1	Microscope set up:	Yes	High Flow meter No:	MFM1
N.P.L. Test slide No:	NPL1	No of N.P.L. blocks visible:	5	Flow rate correction required:	No
Stage Micrometer No:	SM1	Graticule diameter (µm):	101	Exposed filter measurement (mm²):	394.48
Bar/Ther/Time piece No:	BTT1	Lab type:	Mobile	Reg No.	EF70CUW


Type of test: (B) Background, (L) Leak, (N) Near Source Sampling, (R) Reassurance, (F) Far Source/perimeter Sampling, (WA) Work area, (FB) Field Blank

Sample Number	Technician's Sampler	Initials Analyst	Pump No.	Cowl No.	Test Type	Start Time	Finish Time	Duration (mins)	Flow rate (l/min)			Volume (litres)
									Start	Finish	Average	
S001	ID	ID	HFP 44	A1	F	08.32	10.46	134	8.0	8.0	8.0	1072
S002	ID	ID	HFP 45	A2	F	08.35	10.49	134	8.0	8.0	8.0	1072
S003	ID	ID	HFP 46	A3	F	08.41	10.53	132	8.0	7.8	7.9	1043
S004	ID	ID	HFP 47	A4	F	08.44	10.57	133	8.0	8.0	8.0	1064
S005	ID	ID	HFP 48	A5	F	08.47	11.00	133	8.0	8.0	8.0	1064
S006	ID	ID	HFP 49	A6	F	09.12	11.14	122	8.0	8.0	8.0	976
S007	ID	ID	-	AFB	FB	-	-	-	-	-	-	-
S008	ID	ID	HFP 51	A7	F	12.06	14.10	124	8.0	8.0	8.0	992
S009	ID	ID	HFP 52	A8	F	12.08	14.13	125	8.0	8.0	8.0	1000
S010	ID	ID	HFP 53	A9	F	12.10	14.15	125	8.0	8.0	8.0	1000
S011	ID	ID	HFP 54	A10	F	12.12	14.17	125	8.0	8.0	8.0	1000
						END						

Sample Number	Sample Location (Refer to diagram)	No of fibres counted	No of fields counted	No of fields rejected	Calculated result (f/ml)	* Limit of quantification (f/ml)	Reported result (f/ml)
S001	@ S001 X	3.5	179	0	0.001	0.005	<0.005
S002	@ S002 X	2	179	0	0.001	0.005	<0.005
S003	@ S003 X	3	184	0	0.001	0.005	<0.005
S004	@ S004 X	2	180	0	0.001	0.005	<0.005
S005	@ S005 X	2	180	0	0.001	0.005	<0.005
S006	@ S006 X	3	197	0	0.001	0.005	<0.005
S007	Field Blank	-	-	-	-	-	-
S008	@ S002 X	2	194	0	0.001	0.005	<0.005
S009	@ S003 X	-	-	20	-	0.005	-
S010	@ S001 X	3	190	7	0.001	0.005	<0.005
S011	@ S006 X	3.5	190	2	0.001	0.005	<0.005
		END					

We hereby declare that all sampling and analysis was carried out in accordance with HSE Guidance note HSG 248: The Analyst Guide and Essex Asbestos Testing Ltd in-house procedures. Any deviations from this are recorded within this certificate.

Note. *Uncertainty of measurement.
 The lower limit of quantification for the above method is stated in HSG 248 as about 0.01 f/ml, when sample volumes ≥ 480 litres of air are collected and 200 graticule areas examined, a calculated result below the limit may be expressed as <0.01 f/ml. For sample volumes < 480 litres and/or <200 graticule areas examined the lower limit of quantification will be higher. The reported result is for respirable fibres only.

Issued by (Print Name): Ian Donaldson Signature:  Date: 15.09.2023