

## **Essex Asbestos Testing Ltd**



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8007

## **PERSONAL MONITORING CERTIFICATE**

Report No: <u>F/23/1268-2</u>			Date on Site: 12.09.2023 Time on site: 0700 hours Technician: lan Elder									
Contractor's	name ar		orizon En te superv		ıl Ltd, Ovei Holder	ndor	າ House, Willcox	Close,	Aylesham, Kent CT3 3EP			
Site address:	Fo	ormer Holloway	Prison, P	arkhurst Ro	ad, Londo	n. N	7 0NU					
Location on s	site: C	onstruction area	a and adja	acent								
Type and ext	ent of w	ork being carrie	ed out:	Transferrir	ng concret	e cru	ush pile to anoth	ner loca	tion			
Type of RPE v	worn:	None										
Type of ACM worked with		AIB / Cemen	t / Therm	al insulatio	1							
Application Sampling Rat (Personal Sampling)		Sampling Rate	(L/min)		volume of a pled (litres)		Minimum num graticule areas examined	to be	Calculated airborne fibre concentration at the limit of quantification		Mark 'X' in applicab box	
4 Hour contro	l limit	1-2		2	.40		100		0.04			
10 Minute s term exposure		4			40		100		0.24			
Assessmen suitability of		0.2-4			40		100		0.24			
Specific short- 2-4 duration activities			120			100		0.08	X			
General contro	ol measur	es in use (Mark ')	(' in applica	able box)								
Enclosure und	er negativ	ve pressure		Partial encl	osure				Work area only (no enclos	sure)	X	ζ
Activity reco	rd for pe	ersonal samplin	g period									
Insert actual w	ork activ to rear),	ities and methods approximate size,	of remova surface tr	eatment (eg.	if painted).	Incl	ude details of the	specific	eg. if AIB, is it screwed / naile dust suppression and contro nod employed boxes)			
1 Tra	ınsferring	concrete crush p	ile to anotl	her location.	Operative	was (	driving the dumpe	er truck.	Spraying carried out continu	iously.		
Dust suppression	n method e	employed:	Injection		Spraying	Х	Gel/Foa	am	Shadow vacuum	Ot	her	
2												
Dust suppression	n method e	employed:	Injection		Spraying		Gel/Foa	am	Shadow vacuum	Ot	her	
3												
Dust suppression	n method e	employed:	Injection		Spraying		Gel/Foa	am	Shadow vacuum	Ot	her	
4												
Dust suppression	n method e	employed:	Injection		Spraying		Gel/Foa	am	Shadow vacuum	Ot	her	
		Activity					Α		В		С	
		7. <b>cc</b>					entration (f/ml)		Sampling duration (expressed in hours)	(	A x B)	
		1			,	·	0.013		3.18	(	0.041	
		2										
		3										
		4										
							Sum to	tal	3.18	(	0.041	
	D	esult expressed	as time	weighted a	verage (TV	۸/Δ۱	= Sum total of (	^ ± Sum	total of B		0 013	

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Technical Details										
Microscope No:	MIC4	Filter batch No:	411	Low flow meter No:	LFM5					
Phase telescope No:	PT2	Microscope set-up:	Yes	High flow meter No:	MFM5					
NPL test slide No:	NPL4	Number of NPL blocks visible:	5	Flow rate correction required:	No					
Stage micrometer No:	SM4	Graticule diameter (µm):	101	Exposed filter measurement (mm²):	394.48					
Bar/Ther/Timepiece No:	BTT4	Lab type:	Mobile	Reg No:	YH68 HMJ					

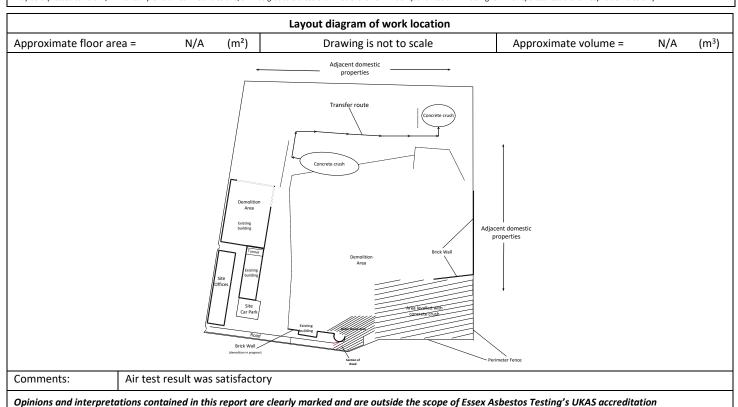
Activity	Sample	Sampler	Analyst	Pump	Cowl	Start	Finish	Duration	Flow Rate (I/min)				Volume		
Number	Number	Initials	Analyst	No.	No.	Time	Time	(mins)	Start	60	120	180	240	Finish	Litres
1	S001	IE	IE	LFP17	В8	1005	1316	191	2.0	2.0	2.0			2.0	382
							END								

Activity number	Sample number	Name of person / Job title	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
1	S001	B. Apostol / Dumper Truck driver	1	200	0	0.001	0.013	< 0.013
			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.



12.09.2023 Issued by (Print Name): Ian Elder Signature: Date: