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Church Lane
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Tel: 01909 560673

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The Hyde Business Park
Hevendean
Brighton, BN2 4JE
Tel: 01273 621100

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FOUR STAGE CLEARANCE TEST REPORT

Job Number: J263546/BW01

Job Number	J263546/BW01	Report Date	03 Oct 2017
Customer Name	Medway Insulations Ltd.	Contractor	Medway Insulations Ltd., 7 Viewpoint, Boxley Road, Penenden Heath, Maidstone, Kent, ME14 2DZ
Customer Address	7 Viewpoint, Boxley Road, Penenden Heath, Maidstone, Kent, ME14 2DZ	Site Address	19 - 21 High Holborn, Grays Inn Chambers, London, WC1R 5ET

Scope of Works

Brief Description of Work / Type of ACM / Location of ACM and Work Area / Any ACM to Remain by Design:

Removal of AIB walls and high lvl boxing from phase 2 2nd flr.

I confirm that the scope of works has been completed and is ready for 4 Stage Clearance testing. *

Site Supervisor
Name D.Ward

Signature

Date 03 Oct 2017

Time 08:00

STAGE 1 - Preliminary Check of Site Conditions and Job Completeness

Start Time	08:00	Finish Time	08:14
1. Method statement (Plan of work) on site and checked	Yes	2. DCU intact, operational and clean	Yes
3. Transit route free from obvious ACMs	Yes	4. Waste route free from obvious ACMs	Yes
5. Surrounding areas free from obvious ACMs	Yes	6. Negative pressure unit in situ and operational	Yes
7. Viewing panel fitted / CCTV (no if visibility is limited)	Yes	8. Integrity of enclosure/work area checked and satisfactory	Yes
9. Waste disposal / storage area checked and satisfactory	Yes	10. Previous air / smoke testing carried out (state)	
/ smoke testing carried out (state)		N/A	

Comments

Modular dcu in room adj to Airlock/Baglock. Temporary waste store in use; in adj corridor. General building and demolition ongoing to stairs/lift outside segregated 2nd flr medway works area. Vision Panel/CCTV to enclosure.

For and on behalf of Tersus Consultancy Ltd.

Richard Dunstall

Signature

Date 03 Oct 2017

Time 08:14

Site assessment for reoccupation (4 Stage Clearance) comprises four stages of assessment, undertaken to satisfy current asbestos regulations, resulting in the issue of a Certificate of Reoccupation (CoR). In some cases Stage 3 (air testing) may be omitted as stated in L143, paragraph 284, when requested by the customer. In this case this will be clearly stated on the test report. Clearance (C), static samples are taken in order to assess an environment to the clearance indicator (as part of the CoR process and for decontamination units). Any deviations to these standard tests shall be recorded as appropriate.

FOUR STAGE CLEARANCE TEST REPORT

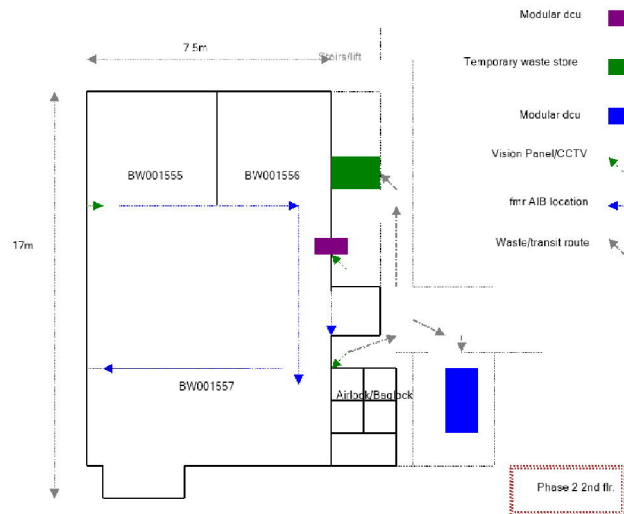
Job Number: J263546/BW01

STAGE 2 - Visual Inspection

Start Time	08:21	Finish Time	09:19
11. All ACMs removed according to plan of work, dust debris contaminated clothing etc.	Yes	16. Dust and debris in enclosure and airlocks, or work area	No
12. Enclosure and airlocks, or work area dry	Yes	17. Negative Pressure unit switched on	Yes
13. Presence of sprayed sealant	No	18. ACMs to remain (by design as noted on stage 1)	N/A
14. Inaccessible areas (if yes please indicate on diagram)	Yes	19. Number of visuals undertaken	
Number of visuals undertaken		1	

Approximate Area/Enclosure dimensions Length: 17 m Width: 7.5 m Height: 2.5 m Approx. Area: 127.5 m² Approx. Volume: 318.75 m³

Site Plan



Floor, windows, radiators gaps to walls/ceilings and metal ductwork all sealed off.

For and on behalf of Tersus Consultancy Ltd.

Richard Dunstall

Signature

Date

03 Oct 2017

Time

09:19

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Site Address				19 – 21 High Holborn, Grays Inn Chambers, London, WC1R 5ET															
Lab location / Veh. Reg.				LF16JYT			Respirator type			Half Mask		Filter Diameter					22 mm		
Flow meter reference				SFM 09			Micrometer reference			SM 13									
HSE/NPL Test slide ref.				2681															
Microscope reference							N9			Graticule diameter					101 µm				
Timer reference				BTT 03			Filter box reference			247		Centred and block 5 visible					YES		
Sample ref	Sample (s) location	Pump ref	Filter Head ref	Temp (°C)	Pressure (mb)	Flow Rate Start	Sample Start Time	Brush Disturbance (mins)	Sample Stop Time	Flow Rate Stop	Duration (mins)	Sample Volume (l)	Average Flow Rate	Fibres	Fields	Limit of Detection (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)	
BW001555	Phase 2 2nd flr.	AB8L 1584	RD11	18	1017	9.0	09:22	09:22 09:28	10:16	9.0	54	486	9.0	16	200	0.01	0.0078	<0.01	
BW001556	'	AB8L 1585	RD8	18	1017	9.2	09:22	09:22 09:28	10:16	9.0	54	491	9.1	17.5	200	0.01	0.0084	<0.01	
BW001557	'	16.1	RD7	18	1017	9.0	09:22	09:22 09:28	10:17	9.0	55	495	9.0	15	200	0.01	0.0071	<0.01	
BW001558	'	16.1	RD4	18	1017	9.0	09:22	09:22 09:28	10:17	9.0	55	495	9.0	16.5	200	0.01	0.0079	<0.01	
BW001560	Field Blank	N/A	RD5	18	1017	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					Field Blank	

Comments:

None

REPORTING RESULTS: These results have been obtained and reported under the requirements of our UKAS accreditation to ISO 17025:2005, applying the methods as detailed in HSG248. WHO fibre counting rules are applied, as detailed in HSG248. At least 20 fields must be read, and counting stops when either 100 fibres or 200 fields is reached. The number of fields counted may be reduced where the volume is greater than 480 litres. Opinions and interpretations based on test results are outside the scope of UKAS accreditation. Where the results are < 0.010 f/ml the area has passed relative to the clearance indicator as required for CoR. At least 90% of the results should be < 0.010 f/ml, and all should be < 0.015 f/ml. Results are calculated to three decimal places to distinguish between 0.009 f/ml (which is acceptable) and 0.010 f/ml (which is unacceptable). If the sample appears to be uncountable or biased this statement and reasoning shall be noted on the report. Uncertainty budget: sampling and analysis is performed to an estimated level of confidence of 95%.

ABBREVIATIONS f/ml: fibres per millilitre of air, l: litre, m: metre, °C: centigrade, mb: millibar, N/A: Not Applicable, NPU: Negative Pressure Unit, FMB Field Media Blank (media check).

FILTER EVALUATION: Discrimination between asbestos and non-asbestos fibres is NOT undertaken in the application of the method for filter evaluation.

For and on behalf of Tersus Consultancy Ltd.

Richard Dunstall

Signature



Date 03 Oct 2017

Time 10:55

FOUR STAGE CLEARANCE TEST REPORT

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Comments:

Underlying timber removed and disposed of from walls and high lvl boxing. Floors, windows, radiators, high level metal ducting and floor mounted cables all sheeted off. Voids to walls/ceilings tape sealed off. Enclosure is nearly empty apart from a dividing wall (plasterboard) and a glass partition.

STAGE 3 - Air Monitoring

29. Measurements required	4	30. No of measurements taken	4
31. NPU off and sealed	Yes	32. Areas of limited dust disturbance (state)	
state)			No

STAGE 4 - Final assessment post enclosure/work area dismantling

33. Enclosure, airlocks or designated work area removed completely	Yes	34. Former enclosure or work area free of dust and debris	Yes
35. Transit route free from obvious ACM	Yes	36. Waste route free from obvious ACM	Yes
37. Where ACM remains by design, is it in a good condition?	N/A	38. Further remedial action required	No
39. Surrounding areas free from obvious ACM	Yes	40. Does the decontamination unit require testing	
unit require testing			No

Comments

Routes to adj modular dcu and Temporary waste store checked and satisfactory. The DCU is not being tested as works are on going to the 2nd flr.

For and on behalf of Tersus Consultancy Ltd.

Richard Dunstall

Signature

Date 03 Oct 2017

Time 11:43

Contractor/Customer acknowledgement

Name D.Ward

Company/Organisation Medway Insulations Ltd.

Signature

Date 03 Oct 2017

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Certificate for Reoccupation

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Customer Address	7 Viewpoint, Boxley Road, Penenden Heath, Maidstone, Kent, ME14 2DZ	Site Address	19-21 High Holborn, Grays Inn Chambers, London, WC1R 5ET
Enclosure Location / Work Area Phase 2 2nd flr.			
STAGE 1 OF 4 - PRELIMINARY SITE ASSESSMENT Précis of assessment criteria			
SCOPE OF WORK / METHOD STATEMENT PRESENT ALL WORKS WITHIN SCOPE COMPLETED WORK AREA ENCLOSURE AND AIRLOCKS INTACT AND CLEAN AIR EXTRACTION UNIT OPERABLE HYGIENE FACILITIES OPERATING AND CLEAN AREA SURROUNDING ENCLOSURE CLEAN TRANSIT ROUTE CLEAN WASTE ROUTE & DISPOSAL AREA CLEAN	SATISFACTORY	As Detailed on Report 'Preliminary Check of Site Conditions and Job Completeness'	
STAGE 2 OF 4 - VISUAL INSPECTION Précis of assessment criteria			
AIR LOCKS CLEAR OF DEBRIS AND CLEAN ENCLOSURE / WORK AREA CLEAR OF DUST AND DEBRIS ALL SPECIFIED WORKS UNDERTAKEN	SATISFACTORY	As Detailed on Report 'Visual Inspection'	
STAGE 3 OF 4 - AIR MONITORING Précis of assessment criteria			
DETERMINATION OF AIRBORNE FIBRE CONCENTRATION RESULTS TO THE CLEARANCE INDICATOR (0.01f/ml)	SATISFACTORY	As Detailed on Report 'Determination of Airborne Fibre Concentrations'	
STAGE 4 OF 4 - FINAL SITE ASSESSMENT Précis of assessment criteria			
ENCLOSURE AND AIR LOCKS REMOVED FORMER WORK AREA FREE FROM DUST AND DEBRIS TRANSIT ROUTE CLEAN WASTE ROUTE CLEAN REMAINING ACMs IN GOOD CONDITION	SATISFACTORY	As Detailed on Report 'Final Assessment - Post Enclosure/Work Area Dismantling'	
Reason for Sampling Removal of AIB walls and high lvl boxing from phase 2 2nd flr.			

For and on behalf of Tersus Consultancy Ltd.

I CONFIRM THAT THE FORMER WORK AREA / ENCLOSURE LOCATION DESCRIBED IS CLASSED AS SAFE FOR REOCCUPATION

Signature



Richard Dunstall

Notes: This certificate is not complete unless a copy of the results of the individual stages is appended.

CONTRACTOR / CUSTOMER ACKNOWLEDGEMENT

Signature



D.Ward