REDDISH VALE

SITE SPECIFIC PLAN OF WORKS

Vale House, Franklin Street, Oldham, OL1 2DP
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DOCUMENT DETAILS

PROJECT NUMBER:	T19467	DATE OF ISSUE:	10/04/2026
POW SHEQ DOCUMENT NUMBER	QMS4 / D01		
HSE LICENSE NUMBER:	842300671		
HSE LICENSE EXPIRY DATE	26/06/2026		
SITE SPECIFIC RISK ASSESSMENT REFERENCE	Risk1_19467		
PLAN OF WORKS TO BE READ IN ACCORANCE WITH STANDARD OPERATIING PROECDURES REFERENCE:	RVISPv1_22		
PLAN OF WORKS PREPARED BY:	John Tindall – Operations Director		
CONTACT NUMBER	07803504644	EMAIL ADDRESS	John.tindall@reddishvale.co.uk
METHOD STATEMENT AUTHORISED BY:	Roy E Tindall – Managing Director		
CONTACT NUMBER	0161 688 6444	EMAIL ADDRESS	info@reddishvale.co.uk
FULL 14 DAY NOTIFICATION:	✓	DATE ASB5 SUBMITTED:	TBC
WAIVER REQUEST:		POW VERSION:	Original

REV NO	REVISIONS MADE	REVISION DATE:	WHO AUTHORISED REVISION

CONTRACT DETAILS

PROJECT SITE ADDRESS:	Old St Mary's ward Manchester Royal Infirmary Oxford Road Manchester Greater Manchester M13 9WL
CLIENT DETAILS AND ADDRESS	Graham Construction Unit 4, Digital Park Pacific Way Salford Quays Manchester M50 1DR

CONTRACT DETAILS

CLIENT CONTACT DETAILS:	NAME:	Megan Harrop	
	TEL:	07353102046	
	FAX:		
	EMAIL:	Megan.Harrop@graham.co.uk	
CLIENT'S SITE REPRESENTATIVE DETAILS	NAME:	James Ratcliffe	
	TEL:	James.Ratcliffe@graham.co.uk	
	EMAIL:	07350417925	
REDDISH VALE PROJECT MANAGER:	NAME:	John Tindall	
	CONTACT NO:	07803504644	
	EMAIL:	John.tindall@reddishvale.co.uk	
	SITE VISITS:	Start of the project and then at regular intervals throughout the works	
REDDISH VALE SITE MANAGER:	NAME:	Keith Mills	
	CONTACT NO:	07534253286	
	EMAIL:	Keith.mills@reddishvale.co.uk	
	SITE VISITS:	All day, every day throughout project	
REDDISH VALE SITE SUPERVISOR:	NAME:	Simon Mogridge	
	CONTACT NO:	07702078210	
	EMAIL:	Simon.mogridge@reddishvale.co.uk	
	SITE VISITS:	All day, every day throughout project	
MINIMUM NUMBER OF EMPLOYEES ON SITE DURING THE WORKS:		6	
MAXIMUM NUMBER OF EMPLOYEES ON SITE DURING THE WORKS:		8	

START DATE:	TBC	COMPLETION DATE:	TBC	
	MONDAY	07:30 – 16:00	FRIDAY	07:30 – 16:00

	SITE WORKING HOURS:	TUESDAY	07:30 – 16:00	SATURDAY	Not Applicable
		WEDNESDAY	07:30 – 16:00	SUNDAY	Not Applicable
		THURSDAY	07:30 – 16:00	NIGHT SHIFT	Not Applicable

CONTRACT DETAILS	ARE THERE ANY CESSATATION PERIODS IN THE PROJECT. IF SO PLEASE DESCRIBE	Yes no works over the bank holidays				
	TOTAL SET UP DAYS:	7	TOTAL REMOVAL DAYS:	30	TOTAL CLEARANCE DAYS:	4
	UKAS ANALYST FOR PROJECT:	TBC				
	EMPLOYED BY:	MFT Trust				
	WASTE CONTRACTOR FOR PROJECT:	PPOC				
	EMPLOYED BY:	Reddish Vale Insulations				

CDM INFORMATION	IS THE PROJECT CDM NOTIFIABLE?	YES:	✓	NO:	
	NAME OF THE PRINCIPAL CONTRACTOR:	Graham Construction			
	NAME OF THE PRINCIPAL DESIGNER:	TBC			
	NAME OF THE CLIENT UNDER CDM:	Manchester Foundation Trust			

ENFORCING AUTHORITY	ENFORCING AUTHORITY	HSE	✓	LOCAL AUTHORITY	
	ENFORCING AUTHORITY ADDRESS	Redgrave Court Merton Road Bootle Merseyside L20 7HS			
	CONTACT DETAILS:	TEL:			
		FAX:			
		EMAIL:	asbestos-unit@hse.gov.uk		

ASBESTOS SURVEY INFORMATION

ASBESTOS SURVEY DETAILS (IF ANY):		
	SURVEYED BY:	TRAC
	REPORT REF:	J051242
	SURVEY DATE:	TBC
	SURVEY TYPE:	Refurbishment Survey

TYPE OF ASBESTOS:	EXTENT / QUANTITY:	CONTENT OF ASBESTOS:	CONDITION OF ASBESTOS:
Asbestos pipe insulation	68Lm	Chrysotile	Poor
Asbestos insulation debris	270M2	Chrysotile	Poor
Asbestos insulating board	1m2	Amosite	Good
Cement debris	2m2	Chrysotile	Poor
Asbestos bitumen adhesive	18m2	Amosite	Good
Asbestos mastic	10lm	Chrysotile	Good

DESCRIPTION OF WORKS

LOCATION(S) OF ASBESTOS WORKS:	Loft space above R.01.013, R.01.08, R.01.09, R.01.10, R.01.10, R.01.11, R.01.12 & R.01.20 Corridor R.01.013 & R.01.07 Rooms R.01.16 & R.01.17
SCOPE OF WORKS BEING UNDERTAKEN	Removal of Asbestos pipe insulation & associated debris within the loft space above R.01.013, R.01.08, R.01.09, R.01.10, R.01.10, R.01.11, R.01.12 & R.01.20 Removal of Asbestos Insulating Board door headers to the corridor R.01.013 & R.01.07 Removal of Cement debris within the loft space above R.01.11 & R.01.12 Removal of Asbestos bitumen floor adhesive to floor in R.01.16 & R.01.17 Removal of Asbestos mastic to doorframe beading to corridor R.01.013
TOTAL NUMBER OF ENCLOSURES DURING PROJECT	3

SITE ACCESS EQUIPMENT REQUIRED	STATE ACCESS EQUIPMENT TO BE USED AND WORKING HEIGHT(IF ANY):		600X600mm Hop ups Fixed scaffolding
	HOW ARE ACCESS EQUIPMENT TO BE PROTECTED		All access equipment to be protected in line with Reddish Vale Insulations **Standard Procedures RVISPv1_22 Section 4 (pages 61 - 65)**
	ACCESS EQUIPMENT CONTROLS	IF HOP UPS ARE USED WHAT CONTROLS WILL BE IMPLIMENTED	Operatives are to ensure they carry out pre user checks before use. Hop up locking arms are to be locked before use
		IF STEPLADDERS ARE TO BE USED STATE A DETAILED JUSTIFICATION FOR USING THEM	Not applicable
		IF EXENSION LADDERS ARE TO BE USED STATE A DETAILED JUSTIFICATION FOR USING THEM	Not applicable
		IF MOBILE TOWER SCAFFOLDS ARE USED WHAT CONTROLS WILL BE IMPLIMENTED	Not applicable
		IF MOBILE ELEVATING PLATFORMS ARE USED WHAT CONTROLS WILL BE IMPLIMENTED	Not applicable
		IF FIXED SCAFFOLDING IS USED WHAT CONTROLS WILL BE IMPLIMENTED	Erected and inspected by a trained and competent licensed scaffold company
	IF FIXED SCAFFOLDING IS USED FOR ENCLOSURE CONSTRUCTION IS IT SUITABLE FOR TASK?:		Yes
	IF FIXED SCAFFOLDING USED, DO THE WORKS REQUIRE A LICENSED SCAFFOLDER		Yes
	NAME OF SUBCONTRACT SCAFFOLDER		High Peak scaffolding
	IF ANSWER IS YES TO LICENSED REQUIRED PLEASE STATE ASB5 REFERENCE		TBC
	IF FIXED SCAFFOLD IS TO BE ERECTED STATE THE SCAFFOLDERS DESIGN REFERENCE: (WHERE APPLICABLE)		Not applicable

SITE CHARACTERISTICS	WHAT TYPE OF SITE IS THE WORK BEING CARRIED OUT ON	Hospital ward
	ARE THERE ANYSITE FEATURES, WHICH WILL IMPACT ON THE PROJECT AND HOW IT WILL BE MANAGED?	Works are segregated with the ward under refurbishment
	HOW WILL COMMUNICATION BE UNDERTAKEN BETWEEN SITE SUPERVISOR AND CLIENT REPRESENTATIVE	The site supervisor is to verbally liaise with the client representative on any matters arising on site. Any follow up actions are to be emailed with John Tindall / Kev Mills copied in
	IS THE SITE OCCUPIED DURING THE WORKS	The ward is unoccupied but adjacent buildings are live
	ARE THERE ANY SPECIAL CONTROLS THAT NEED TO BE IMPLEMENTED TO FACILITATE IT BEING OCCUPIED	works are segregated with it's own compound to mitigate disruption to hospital users
WELFARE	ARE WELFARE FACILITIES AVAILABLE FOR USE ON SITE	Yes
	WHAT WELFARE IS BEING PROVIDED	Toilet & Canteen
	ARE THEY SUITABLE FOR THE AMOUNT OF EMPLOYEES ON SITE	Yes
	WHERE WILL THE WELFARE BE LOCATED	Graham offices
	WHO IS PROVIDING THE WEFLARE	Graham Construction
	WHAT TIME WILL THE WELFARE BE AVAILABLE FOR USE	All day during working hours
	WHO IS RESPONSIBLE FOR CLEANING THE WELFARE	Reddish Vale will keep clean and tidy after use

	WHERE IS HOT / COLD / WARM RUNNING WATER BEING PROVIDED FROM	Sink within toilets

METHOD OF WORK

On arrival to site, position vehicle on car park and attend site induction off Graham site manager.

All Site operatives and visitors are to sign in and out of the designated site log book provided by Graham Construction. Reddish Vale site supervisor to ensure this is complied with

Reddish Vale Project Manager is to convey method of work and work areas to the supervisor prior to morning briefing. The supervisor is to ensure that all operatives who attend site are fully conversant with the methods of work and risk assessment. The site supervisor is to review the risk assessment to ensure it is still valid and amend it, if new hazards are identified.

All personnel will sign the method of work and risk assessment to indicate their compliance and understanding.

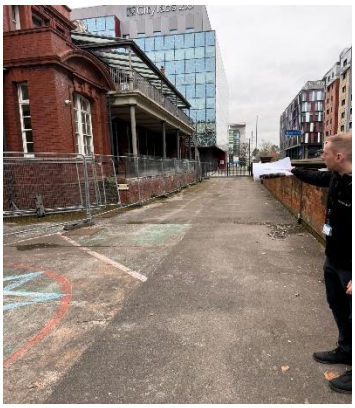
The sequence of works will be followed in line with the current sequence identified within Reddish Vales **Standard Procedures RVISPv1_22 Section 2 (page 8/9):**

1. Induction by contract manager / site supervisor or Client.
2. Decontamination unit set-up ensuring it works by testing it.
3. Site Set-up including deliveries.
4. Team daily briefing including tool box talks
5. Pre-cleaning including removal of any fixture and fittings (if required)
6. Receipt of isolations / disconnections of services (Where required) **HOLD POINT.** Supervisor is to not to proceed until certification received.
7. Build enclosure.
8. Smoke test witnessed by appointed analyst – **HOLD POINT.** Supervisor is to not to proceed until smoke test witnessed by designated person.
9. Supervisor's checks (Initial and ongoing throughout works)
10. Asbestos removal.
11. Asbestos waste removal.
12. Final clean of enclosure.
13. Visual inspection of enclosure by supervisor. - **HOLD POINT.** Supervisor is to not to proceed with Four stage clearance until thorough visual inspection undertaken.
14. Visual inspection and air test of enclosure by independent analyst. (4 stage air clearance)
15. Detenting and 4th Stage.
16. Equipment preparation and loading of van

The supervisor will ensure they do not proceed to the each step until the previous one has been completed

A daily activity briefing will be conducted on the start of each working day to ensure that operatives are familiar with any changes to the site from the previous day and to run through the upcoming days work. Any additional information such as tool box talks are to be conducted during the DABS Briefing

WASTE	WASTE TRANSIT PROCEDURE	Reddish Vales **Standard Procedures RVISPv1_22 Section 8 (page 89 & 91)**
	DESCRIBE HOW THE WASTE WILL BE PACKAGED IN THE WORK AREAS	Waste will be bagged within red asbestos bags within the work area.
	HOW OFTEN WILL WASTE BE REMOVED FROM THE WORKING AREA	Waste will be removed from the working enclosure at the end of each shift.
	WHAT ARE THE ARRANGMENTS FOR THE WASTE ON SITE (SKIP, DEDICATED WASTE VAN, WASTE HOLDING AREA ETC)	Sealed skip
	IF WASTE HOLDING AREA WHERE WILL IT BE LOCATED AND HOW WILL IT BE CONTROLLED	Not applicable
	IF A RED BIN OR OTHER TRANSPORT BIN IS USED ON SITE WHAT ARE THE PROCEDURES FOR CONTAINMENT	Red bin to be locked when not in use
	DESCRIBE THE WASTE TRANSIT ROUTE	All transit routes are to be clearly marked and designated with the use of Corex, safety barrier tape and asbestos transit route warning signs through the first floor and out of the patio doors to the balcony down the Haki stairs to the compound Supervisor is to inspect the transit routes on a regular basis to ensure that they are kept clear and that excessive amounts of waste are not allowed to build up.
	IF THE TRANSIT ROUTE RUNS EXTERNAL WHAT CONTROLS WILL BE UNDERTAKEN TO PROTECT SURFACES	Red bin utilised to mitigate covering transit route

DCU INFORMATION	WHAT TYPE OF DCU WILL BE USED ON SITE	Self contained DCU	
	HOW WILL THE DCU BE POWERED	Self contained generator	
	WHERE WILL WATER BE SOURCED FOR THE DCU	Existing feed	
	HOW WILL WASTE WATER BE REMOVED FROM THE DCU	Filtered through DCU Micron filter system and down external foul drain	
GENERAL SITE INFORMATION	POWER WILL BE SOURCED FROM	Existing temp supply	
	WATER WILL BE SOURCED FROM	Existing feed	
	ADEQUATE LIGHTING AVAILABLE	Temporary 110v stand up or festoon, natural outside lighting will be used where required to illuminate the work areas and transit routes. The site supervisor will ensure that he inspects the ambient light levels regularly throughout the day and will ensure additional lighting installed during winter months	
	VEHICLE LOCATION ON SITE	Compound	
	DCU LOCATION ON SITE	Upon its arrival place self-contained decontamination unit within designated area to the compound area	
	SKIP LOCATION ON SITE	Upon its arrival place sealed skip within designated area to the compound area The sealed skip is to be fenced in with the use of Heras fencing	

METHOD OF WORK

Operatives are to follow Reddish Vales **Standard Procedures RVISPv1_22 Section 8 (Appendix 8.1, 8.1.1, 8.2.1 and 8.2.2)** and the enclosure specific layout plan for all transit procedures.

Pre cleaning of the work area will be undertaken prior to enclosure construction in accordance with **Reddish Vale Insulations Standard Procedures RVISPv1_22 Section 2 (page 20).**

Due to the contamination within the Loft space the removal team prior to enclosure construction will restrict access into the work area and make the area a respiratory zone. The Main entrance to the work area will be sealed off with 1000-gauge polythene. Operatives wearing Type 5 white overalls and Suitable half face mask with an assigned protection of 2 f/cm³, will enter the work area and undertake enclosure construction. The respiratory zone will remain in situ until the enclosure has been smoke tested in which time it will become the enclosure.

Enclosures are to be constructed in accordance with **Reddish Vale Insulations Standard Procedures RVISPv1_22 Section 2 (pages 21-32)** and the specific enclosure layout plan.

Removal of Asbestos thermal insulation to pipework & debris in roof void throughout




ENCLOSURE: 003
For removal of asbestos Insulation under full conditions. Operatives wearing type 5 red overalls and a full face powered respirator with an assigned protection factor of 4F/CM³ will enter the enclosure and begin to remove the asbestos material. Below indicates the method of removal.

- For removal of original Latte/mesh & Plaster under full conditions. Operatives wearing type 5 red overalls and a full face powered respirator with an assigned protection factor of 4F/CM³ will enter the enclosure and begin to remove the plaster.
- Operatives commencing from the one end of the fixed scaffold they will work in a methodical manner from one side to the other Utilising flat bars Operatives will carefully prise the plaster from the latte/mesh sections of plaster will be placed directly into red asbestos bags once a bag is full it will be double bagged in the baglock and transited to the sealed skip estimated weight per bag (7kg)
- Periodic spraying of the material as the works are undertaken using a low pressure hand held spray mixed with 1-10 solution of water (10) and a dust suppressant solution (1) to ensure the material is kept soaked
- Once all plaster has been removed operatives will cut up the mesh sections A Hilti 110v reciprocating saw with metal cutting blade will be used to make the cuts to the mesh.
- Operatives will rotate use of the recip saw after 30 minutes use with no more than 3 hours 30 minutes use per day to minimise exposure to HAVS
- Supervisor will record trigger times on IPAD form daily
- SNR15 Ear defenders are to be worn in the work area whilst the saw is being used
- All mesh will be disposed as contaminated waste by wrapping in 1000guage polythene and labelled as asbestos waste before being double wrapped in the baglock and transited to the sealed skip
- Any timber infill panels will be removed as part of the process by cutting with a Reciprocating saw will carefully cut the panels at 1000mm intervals, one man will lower each section to the scaffold where the 2nd operative will wrap the sections of panels and double wrapped in the baglock and labelled with a red asbestos bags before being transited to the sealed skip
- After the celling is removed operatives will seal out any voids using 2"X2" timber, 1000gauge
- polythene and polycloth tape, once the area is fully sealed the asbestos works will commence
- Operatives will firstly identify all asbestos pipework that is to be removed within the enclosure and wrap the pipes in Blue 1000gauge polythene and seal with poly cloth tape at 1 metre length intervals.

- The gel pack is then to be loosely wrapped around the pipework with the cable ties secured but not tightened.
- Readjustment of the gel by hand can now take place to ensure uniformity throughout the pack.
- Position a red asbestos waste bag underneath the cut point to capture any gel that may escape once cutting has commenced.
- Operatives are to ensure they don't not crush the gel pack with the recip saw guard. This will push gel away from the area leading to unsatisfactory absorption.
- A Hilti 110v reciprocating saw with metal cutting blade will be used to make the cuts to the pipes.
- Operatives will rotate use of the recip saw after 30 minutes use with no more than 3 hours 30 minutes use per day to minimise exposure to HAVS
- Supervisor will record trigger times on IPAD form daily
- SNR15 Ear defenders are to be worn in the work area whilst the saw is being used
- For best cuts the operative should ensure it is slow and steady with the blade tip staying within the gel pack.
- The pipes will be double wrapped in the baglock and labelled with a red asbestos bag before being transited to the sealed skip
- Once all the pipework is removed Operatives will work in a methodical manner from the airlock to the negative pressure unit bagging all heavy material in red asbestos bags, once a bag is full it will be moved to the baglock and double bagged prior to transiting to the sealed skip on site estimated weight per bag is 5Kg
- Periodic spraying of the surfaces as the works are undertaken using a low pressure hand held spray mixed with 1-10 solution of water (10) and a dust suppressant solution (1) to ensure the material is kept soaked
- The full void will then be cleaned by removing loose material with shovels directly into red asbestos bags, operatives will work progressively from the NPU working there way back to the baglock
- Upon completion of the removal works the enclosure will then be fine cleaned, operatives will vacuum and wipe down all ledges, cables, surfaces and the floor using damp cloths and H Type Vacuum cleaners ensuring no asbestos debris remain within the enclosure.
- Operatives will work in a methodical manner from ceiling of the enclosure down to the ground starting from the closest point to the airlock and working towards the negative pressure unit
- Cobwebs or settled dust are to be completely removed during the cleaning process
- All waste will be bagged in red asbestos bags ready to be double bagged in clear asbestos bags in the nearest baglock and transited to the sealed skip situated in the compound
- Upon completion of the works the site supervisor will undertake a thorough visual check of the work area and issue a signed Handover Analyst form

Removal of Asbestos Insulating board to door headers




ENCLOSURES: 001 & 002

For removal of asbestos Insulating board under full conditions. Operatives wearing type 5 red overalls and a full face powered respirator with an assigned protection factor of 4F/CM³ will enter the enclosure and begin to remove the asbestos material.

- Hop ups will be used to aid in erecting enclosure and cleaning
- Operatives spray the AIB boarding to the header with a low pressure hand held sprayer mixed with 1-10 solution of water (10) and a dust suppressant solution (1). 2 minutes, operatives will locate the screws holding the AIB. For panels, which are painted operatives, will use magnets to locate the screws holding the boarding.
- Once located operatives using screwdrivers or other hand held tools will remove the screws holding the board whilst a second operative shadow vacuum's the immediate area.If the boarding is nailed, then the boarding will be gently prised away and then pushed back to expose the nail which will then be removed using a flat bar or other suitable hand held too

- If these methods do not release the boarding from its tracking, the boarding will be carefully prised away from the supporting fixings while a second operative sprays the environment with a fibre suppressant solution to suppress any possible fibre release.
- Each panel will be lowered onto the ground by two operatives to ensure no breakages, where it will be placed into red asbestos bags ready to be double bagged into clear asbestos bags within the airlock. Estimated weight per bag is 5Kg
- Operatives are to ensure that they keep the work environment sufficiently soaked throughout the removal process
- Upon completion of the removal of the board, will wire brush the timber framework ensuring all remnants have been removed any holes will be drilled out with a 5mm drill bit
- Operatives will clean off any loose dust and debris to all surfaces with the use of damp cloths and H Type vacuum cleaners with brush attachments.
- Periodic spraying of at regular intervals during cleaning will be undertaken to keep all surfaces suitable soaked.
- Once the removal is complete, the enclosure will then be fine cleaned, operatives will vacuum and wipe down all ledges, cables, surfaces and the floor using damp cloths and H Type Vacuum cleaners ensuring no asbestos debris remain within the enclosure.
- Operatives will work in a methodical manner from the ceiling down to the ground floor starting from the closest point to the airlock and working towards the negative pressure unit
- Cobwebs or settled dust are to be completely removed during the cleaning process
- All waste will be bagged in red asbestos bags ready to be double bagged in clear asbestos bags in the airlock and transited to the sealed skip on site. Estimated weight per bag is 5Kg
- Upon completion of the works the site supervisor will undertake a thorough visual check of the work area prior to the four stage clearance and issue a signed Handover Analyst form

METHOD OF WORK

Removal of Asbestos Mastic to door/frames




For the Asbestos removal works operatives will set up a respiratory zone to the work area. Operatives will set up a respiratory zone to each work area using barrier tape. Asbestos Warning signs will be placed on all entrances warning of asbestos removal works. Operatives will enter respiratory zone wearing type 5 white overalls and an Orinasal half face mask with an assigned protection of 2F/CM³ and begin to the asbestos works using the below method.

- Operatives will spray the doors with a hand held spray mixed with 1-10 solution of water (10) and a dust suppressant solution (1) ensuring sheets are sufficiently soaked.
- The frame will be removed by cutting it will be cut up into manageable 500mm lengths using a 110v Reciprocating saw
- A fire extinguisher will always be on hand during cutting.
- Operatives will wear ear defenders at all times whilst cutting is being undertaken
- Operatives will be rotate the use of the saw after 5 minutes use with no more than 20 minutes use per day to minimize exposure to HAVs
- Supervisor is to record HAVS exposure using designated form
- Once removed the mastic that is adhered to the brick work will be sprayed with a hand held low pressure sprayer mixed with 1-10 solution of water (10) and a dust suppressant solution (1).
- Once sufficiently soaked operatives will scrape the material directly into red asbestos bags once a bag is full it will be double bagged and transited directly to the van
- Once all the mastic has been removed operatives utilizing wire brushes will clean the brick work remove any physical mastic while a second operative sprays the material being cleaned
- operatives will clean the work area with H Type vacuum cleaners to ensure no visible debris remains.
- Supervisor to check the work area once complete Analyst will undertake leak and reassurance air testing on each block

METHOD OF WORK

Removal of Asbestos Thermoplastic floor tiles and asbestos bitumen adhesive




For the floor tile and selected bitumen adhesive removal operatives will set up a respiratory zone to the work area. Operatives will seal doorways / entrance points using 1000 gauge polythene a Two stage pod will be erected to primary decontaminate with a weighted flap at entrance point. Operatives will place three in one Warning signs warning of asbestos removal works around the perimeter. Operatives will enter respiratory zone wearing type 5 white overalls and an Orinasal half face mask with an assigned protection of 2F/CM³ and begin to the asbestos works using the below method.

- Operatives will spray the Floor coverings with a low pressure hand held spray mixed with 1-10 solution of water and a dust suppressant solution.
- Once the area has been sprayed, operatives will lift the floor coverings carefully using suitable hand held tools such as floor scrappers or floor Mutts.
- For carpets, operatives will cut carpets into 2m2 sections using Stanley knives or other suitable cutting tools
- Once lifted, operatives will place the floor coverings directly into red asbestos bags
- Operatives will ensure that they do not overfill bags and will place a sufficient amount of waste in each bag
- Periodic and regular spraying of the floor coverings to be undertaken at 10-minute intervals to ensure materials are kept sufficiently soaked.
- All bags will be double bagged in clear asbestos bags and transited directly to a sealed skip on site
- Operatives may use a 110v medium breaker to lift floor covering that are too tough to be lifted.
- Operatives will rotate use of the machine after 30 minutes use with no more than 3 hours use per day to minimise HAVS exposure.
- Supervisor is to record trigger time use on designated HAV form within file
- SNR15 Ear defenders are to be worn at all times whilst using breaker
- Once the floor coverings are removed, Operatives will extensively spray the bitumen adhesive with a hand held low pressure sprayer mixed with 1-10 solution of water (10) and a dust suppressant solution (1).
- Operatives will then scrape back the Bitumen adhesive using a PPC250 / 180 floor grinder and a 5inch Hilti DG150 grinder machine
- Diamond blade configuration will be set to suit flooring conditions following manufacturer's instructions. All machines use rotary heads (located within housing). General purpose blades for thin adhesive, Heavy duty blades are use for flooring with Screed in place over the bitumen
- Operatives will set up the floor grinder as per the manufacturer's guidelines ensuring that the dust extractor and vacuum attachments are set up.
- Red Asbestos bags will be attached to the Vacuum attachment and will be regularly changed throughout the works when they become fullThe area must be constantly sprayed with water to minimise dust release as well as the machine being connected to a cfm 300 vacuum for dust extraction.
- Operatives are to work the machine in a semi circle motion over the floor surface in a slow and constant direction (**operatives are not to move back and forward – always in a semi circle motion)**
- Operatives are to work progressively over a surface, it may be required operatives to return and work multiple times over the same area ensuring all bitumen covered areas are removed
- Rotation of use of the machine is to be undertaken after 1 hour use with no more than 7 hours use in a day to minimise exposure to HAVS
- Supervisor is to record trigger time use on designated HAV form within file
- Ear defenders are to be worn at all times whilst using Floor grinder
- Once removed operatives will set up the 5inch Hilti DG150 grinder machine and will remove the bitumen adhesive to the edges of the room

- Operatives will set up the hand grinder as per the manufacturer's guidelines ensuring that the dust extractor and vacuum attachments are set up.
- Red Asbestos bags will be attached to the Vacuum attachment and will be regularly changed throughout the works when they become full
- Rotation of use of the machine is to be undertaken after 30 minutes use with no more than 1 hour use in a day to minimise exposure to HAVS
- Supervisor is to record trigger time use on designated HAV form within file
- Ear defenders are to be worn at all times whilst using Floor grinder
- Once all waste has been, removed operatives will vacuum and wipe down all ledges, surfaces and the floor using damp cloths and H Type Vacuum cleaners ensuring no asbestos debris remain.
- The supervisor will conduct a thorough visual of the work area prior to the completion of the works
- Reassurance air test to be undertaken to each work area

CONTROL MEASURES

ESTIMATED WORST CASE FIBRE RELEASE AND AIRBORNE FIBRE LEVELS ONCE CONTROLS ARE IN PLACE This is based upon the peak reading and the average 4 hour time weighted personal readings from the air monitoring dashboard		
ACTIVITY	ESTIMATED FIBRE LEVEL	WORST CASE FIBRE LEVEL
Enclosure Construction	0.01 fibres per cm³	0.02 fibres per cm³
Waste transiting	0.01 fibres per cm³	0.02 fibres per cm³
De-tenting	0.01 fibres per cm³	0.02 fibres per cm³
MATERIAL	ESTIMATED FIBRE LEVEL	WORST CASE FIBRE LEVEL
Asbestos insulation (Wrap & Cut)Gel packs	0.006 fibres per cm³	0.01 fibres per cm³
Asbestos insulation debris	0.03 fibres per cm³	0.1 fibres per cm³
Asbestos insulating board	0.0354 fibres per cm³	0.1 fibres per cm³
Asbestos mastic	0.01 fibres per cm³	0.01 fibres per cm³
Asbestos bitumen	0.01 fibres per cm³	0.01 fibres per cm³

AIR MONITORING ARRANGEMENTS FOR THE SITE These are to be undertaken in line with Reddish Vale PAM Strategy and Air monitoring dashboard		
AIR MONITORING ITEM	IS IT REQUIRED	DETAILS OF WHAT IS BEING UNDERTAKEN
4 STAGE CLEARENCE	✓	On completion of each enclosure
SSDA (SPECIFIC SHORT DURATION ACTIVITY) – Please state activity and test required	✓	During waste transiting on Simon Mogridge
10 MINUTE SHORT TERM EXPOSURE LIMIT - Please state activity and test required		
4 HOUR TIME WEIGHTED AVERAGE PERSONAL MONITORING – **REMOVAL WORKS**	✓	On wrap and Cut on Corey Barlow in EN003 On Liam Polkington during removal of AIB door header in EN001
4 HOUR TIME WEIGHTED AVERAGE PERSONAL MONITORING – **ENCLOSURE COSTRUCTION**		

	4 HOUR TIME WEIGHTED AVERAGE PERSONAL MONITORING – **WASTE TRANSITING**		
	4 HOUR TIME WEIGHTED AVERAGE PERSONAL MONITORING – **DE-TENTING**	✓	On Elliot Buckley when detenting EN003
	LEAK TESTING	✓	Throughout works
	BACKGROUND TESTING	✓	Throughout works
	REASSURANCE AIR TESTING (NNWL, Waste holding areas, Vehicles etc)	✓	On all non licensed work areas
	LOCAL EXHAUST TESTING (50% of enclosures that cannot vent external)		

CONTROL MEASURES

ARRANGEMENTS FOR INDEPENDENT SMOKE TESTING AND WITNESSING:	Smoke tests will be undertaken in line with **Standard Procedures RVISPv1_22 Section 2 (pages 32 & 33).** Smoke tests will be witnessed by appointed analyst **- HOLD POINT –** Supervisor to ensure the above named person is on site to witness all smoke tests		
STEPS TAKEN TO REDUCE EXPOSURE AND CONTROL RELEASE INTO THE ENVIRONMENT			
DESCRIBE THE FIBRE SUPPRESSANT TECHNIQUE TO BE USED:	ESTIMATED WETTING TIME:	INDICATOR OF SATURATION:	
Low pressure hand held sprayers	2-3 minutes	Colour changing i.e. darkening of the asbestos product / Supervisor/operatives discretion	
IF AIB IS BEING REMOVED DESCRIBE THE MEASURES TO MINIMISE FIBRE RELEASE:	Intact removal of AIB Panels where possible using Hand held tools, H Type Vacuum cleaners and suitable hand held tools such as screw drivers		
STATE SURFACTANT TO BE USED:	BOSTIK 30-330 Dampstrip / Jenny Chem Supper Wetting Agent		
ESTIMATED USE:	10	**x 5 LITRE CONTAINERS**	
WILL ANY EQUIPMENT / PLANT BE USED INSIDE THE ENCLOSURE?:	Yes		
PLEASE STATE	H Type Vacuum cleaners Negative pressure Units Access Equipment 110v Temporary lighting CCTV system Transformers Assorted hand tools Dust suppression equipment 110v Power assisted tools		
HOW WILL THE EQUIPMENT BE	At the end of the shift, the vac bag to be removed inside the enclosure and placed in a red bag, moved to airlock for cleaning and double bagging. Clean bag to be inserted. Vac any residues		

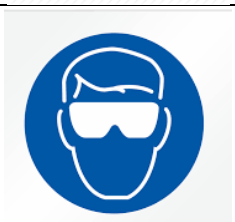
	PROTECTED/ DECONTAMINATED?:	from exterior and wipe down using cloth soaked in suppressant. The vac will be then placed into a clear bag and sealed with tape prior to moving to the vehicle ready for the next shift. NPU Filters are to be changed whenever the recorded airflow of the NPU falls below 10% of its rated airflow. Regular checks are to be undertaken throughout the course of the working day All equipment within the enclosure is to be vacuumed off and wiped down with a damp cloth to ensure no dust or visible debris are present. All items are to be inspected during the 4 stage clearance by the appointed analyst.

RPE AND PPE

TYPE OF FULL FACE RESPIRATORS TO BE USED:	SCOTT PROFLOW SC ASBESTOS / SCOTT POWERPACK PAPR WITH VISION 2 MASKS / SCOTT PHANTOM VISION ALL FITTED WITH FFP3 FILTERS	
PROTECTION FACTOR:	**4F/CM³**	
TYPE OF HALF FACE RESPIRATORS TO BE USED:	SUNSTRUM SR 100 / ORI NASAL HALF MASK / SCOTT AVIVA	
PROTECTION FACTOR	**2F/CM³**	
OVERALLS (MIN TYPE 5 CAT 3)	STRIPPING OVERALLS	RED
	TRANSIT OVERALLS	BLUE
	GENERAL SITE OVERALLS / WASTE TRANSITING	WHITE
	NON NOTIFIABLE WORKS	Not Applicable
ENCLOSURE FOOTWEAR	TRANSIT	BLACKSAFETY WELLINGTONS
	WITHIN ENCLOSURE	YELLOW SAFETY WELLINGTONS

OTHER GENERAL PPE TO BE WORN ON SITE

ITEM		IS IT REQUIRED	WHEN IS IT REQUIRED TO BE WORN
	HIGH VISIBILITY CLOTHING BS EN 471	✓	To be worn whilst working on site (but not within enclosure)
	HARD HATS BS EN 397	✓	To be worn whilst working on site (but not within enclosure)

		SAFETY FOOTWEAR BS EN 345 SBP with ankle support	✓	To be worn whilst working on site (but not within enclosure)
RPE AND PPE		SAFETY GLOVES (Gripper)	✓	To be worn whilst working on site Green Gloves – for site wear Orange gloves – for within enclosure
		EYE PROTECTION		
		HEARING PROTECTION – AS REQUIRED	✓	To be worn in close proximity (Less than 10 metres from activity identified within Risk Assessment)
	DETAILS OF SPECIALIST PPE: (IF APPLICABLE)		Not Applicable	

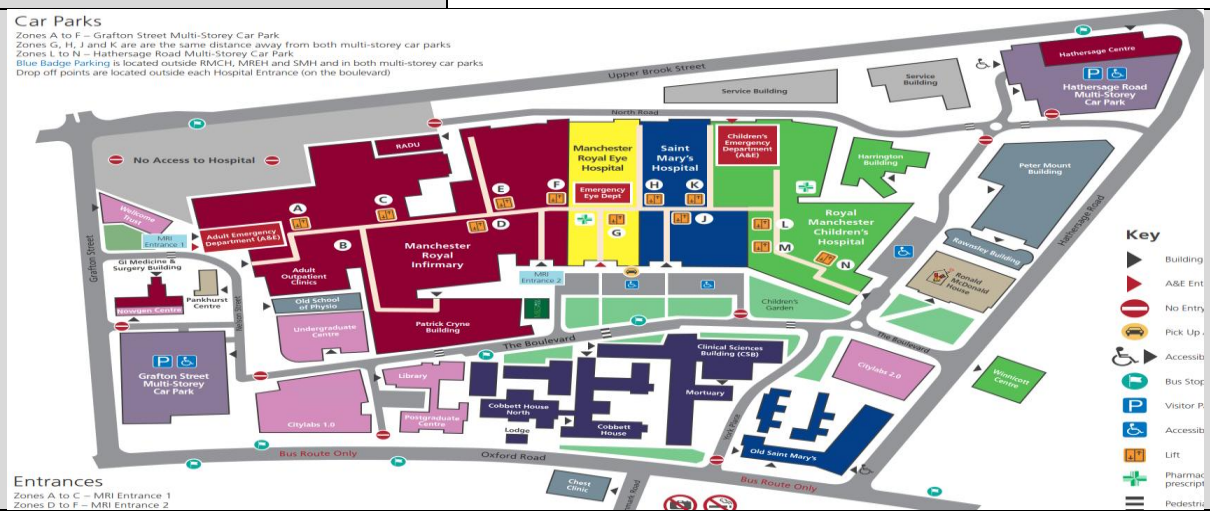
SITE HEALTH AND SAFETY INFORMATION

EMERGENCY PROCEDURES TO BE FOLLOWED	As detailed within **Standard Procedures RVISPv1_22 Section 7 – Pages 81-87**
FIRE EQUIPMENT & MEANS OF RAISING THE ALARM:	To be arranged by Graham's at site induction. Air claxons used for operatives to raise alarm. Fire extinguishers to be kept within designated locations on site and provided by Reddish vale

TYPES OF FIRE EXTINGUISHERS REQUIRED ON SITE

WATER	FOAM	POWDER	CO2	WET CHEMICAL
				
	✓	✓		

FIRE MUSTER POINT:	Nominated location on site induction by Graham site manager Muster point for operatives evacuating from enclosure will be at the side of the DCU
FIRST AID PROVISIONS:	Basic first aid box to be kept on site in designated location by Reddish Vale Site manager Graham's to provide first aid facilities within site welfare located at Cobbet House
DESIGNATED FIRST AIDER:	Keith Mills Simon Mogridge All operatives have 1st aid essentials
ANY OTHER KNOWN RISKS?:	See: • Site specific Risk Assessment reference: Risk1_T19467
EMERGENCY A&E ADDRESS:	Manchester Royal Infirmary Oxford Road Manchester Greater Manchester M13 9WL



	EMERGENCY CONTACT NUMBER:	999	
ISOLATIONS	ARE ISOLATIONS REQUIRED ON SITE. PLEASE INDICATE	All services will have been stripped out prior to works excluding the redundant services in the loft space	
	ITEM	IS IT REQUIRED	ANY FURTHER INFORMATION
	ELECTRIC	✓	
	WATER / HEATING SYSTEM	✓	
	GAS		
	FIRE ALARMS	✓	
	OTHER	✓	
	WHO WILL CARRY OUT THE ISOLATIONS	Stripped out and open ended where they enter loft space	
	HOW WILL THE SUPERVISOR WILL ENSURE THE ISOLATIONS HAVE BEEN UNDERTAKEN	**HOLD POINT** – No works undertaken until certification received	
	WHAT WILL BE DONE TO CONTROL WHERE SERVICES ARE STILL LIVE	Any live temp supplies to be clearly highted to the site team by Graham construction	

ENCLOSURE INFORMATION

ENCLOSURE DRAWING REFERENCE	TOTAL ENCLOSURE SIZE (M³)	NUMBER OF AIR CHANGES PER HOUR (MIN 8)	AIR MOVER CAPACITY REQUIRED (M³/H) TAKING INTO CONSIDERATION ADDITIONAL DUCTING
003_Loft space	108	10	Required_10800 Achieved_12000

If enclosure size is below 120m3 then a minimum 1000m/h3 negative pressure unit must be used

PICTURES OF WORK AREA



EXPECTED DURATION (IN MINUTES) FOR SUPERVISOR VISUAL FOR ENCLOSURE	240	MINUTES
EXPECTED TRANSIT ROUTE LENGTH OPERATIVES TO DCU (METRES)	20metres	
EXPECTED TRANSIT ROUTE LENGTH WASTE TO SKIP/WASTE ARRANGEMENT (METRES)	25metres	
IF TRANSIT ROUTE RUNS EXTERNAL DESCRIBE CONTROLS TO BE PUT IN PLACE	Red bin used to mitigate covering external transit route	
VIEWING PANELS OR CCTV BEING USED TO MONITOR WORKS	Viewing panels on airlock, baglock and CCTV within enclosure	
ASM MATERIAL – INPUT ASM SPECIFIC MATERIAL FOR CROSS REFERENCE (MULTIPLE IF REQUIRED)	Asbestos Insulation	

	YES	NO	COMMENTS
WILL THE DCU BE DIRECT CONNECTED TO ENCLOSURE (IF NO PLEASE STATE WHY)		✓	Due to scaffold arrangement not possible to site on 1st floor
WILL THE NPU BE VENTED EXTERNALLY (IF NO PLEASE STATE WHERE):	✓		
WILL A MINIMUM 2M X 1M X 1M THREE STAGE AIRLOCK WILL BE CONSTRUCTED. (IF NO PLEASE STATE WHY)	✓		
WILL THERE BE A MINIMUM 2M X 1M X 1M THREE STAGE BAGLOCK CONNECTED TO THE ENCLOSURE?: (IF NO PLEASE STATE WHY)	✓		
WILL THE BAGLOCK NEED TO BE LARGER FOR SIZE OF WASTE:		✓	
WILL THE AIRLOCK/BAGLOCK REQUIRE WEATHER PROTECTION:		✓	

	IS THE TRANSIT ROUTE CLEARLY ILLUSTRATED OR DESCRIBED ON THE ENCLOSURE LAYOUT PLAN?	✓	✓	
	WILL THE TRANSIT ROUTE IMPACT ON ANY OTHER SITE ACTIVITIES?		✓	
	DOES THE TRANSIT ROUTE RUN EXTERNAL	✓	✓	
	ARE THE SKIP AND DCU LOCATIONS ILLUSTRATED OR DESCRIBED ON THE SKETCH PLAN?:	✓		
	ANY OTHER COMMENTS REGARDING THE ENCLOSURE			

REQUIRED TRAINING	REQUIRED TRAINING FOR THE SITE WORKS. BEFORE A TASK IS UNDERTAKEN, THE SUPERVISOR IS TO ENSURE THAT THE OPERATIVE HAS THE CORRECT IN DATE TRAINING			
	Asbestos Operative (New op / Refresher)	Full / Half Face fits	Asbestos medical	CSCS Card
	✓	✓	✓	✓
	Working at Height	PASMA	IPAF	Abrasive Wheels
	✓			✓
	Manual Handling	Confined Space	Abrasive Blasting	Others
	✓			

SITE EQUIPMENT TO BE USED	EQUIPMENT TYPE	DETAILS	QUANTITY	COMMENTS
	DECONTAMINATION UNIT:	Self-contained	1x	
	AIR MOVERS:	6000m/h3	2x	
	H TYPE VACUUM CLEANERS:		4x	
	CCTV:	110volt 8 camera system	1x	
	INJECTION EQUIPMENT:			
	GENERATOR:			
	SPRAY BOTTLES:		6x	
	110v GRECO SPRAYER			
	MOBILE SCAFFOLD:			
	LIGHTING:	Stand ups Festoons	8x 2x	
	SPEED DOC AIRLOCK:		2x	
	LEADS	110V 32amp and 16amp	10x	
	LEADS	415v 32amp and 16amp		
	SKIP	30yard sealed	5x	
	TRANSFORMERS	10KVA(on site already)	2x	

DEPARTURES AND REVISIONS

DEPARTURES FROM THE PLAN OF WORK (Only when authority gained from Contracts Manager)	
STANDARD PROCEDURE, VERSION & REFERENCE:	DETAILS OF VARIATION FROM STANDARD PROCEDURES IN RESPECT OF THIS JOB AS AGREED WITH RELEVANT PROJECT MANAGER (ALL OPERATIVES TO BE INFORMED BY THE SUPERVISOR)

PLAN OF WORK REVISIONS

THE SITE SUPERVISOR IS ONLY AUTHORISED TO MAKE ALTERATIONS TO OR DEVIATIONS FROM THIS PLAN OF WORK WHEN AGREED WITH THE CONTRACT MANAGER. A RECORD OF ANY ALTERATIONS OR DEVIATIONS MADE BY THE SITE SUPERVISOR MUST BE KEPT IN THE SITE DIARY OR RECORD SHEET FOR RETURN TO THE OFFICE AND ALL OPERATIVES INFORMED DURING DAILY ACTIVITY BREIFINGS.

DATE	**REVISION NO.**	**REVISION**	**INITIALS**

PLAN OF WORKS COMPLIANCE

WE, THE UNDERSIGNED, HAVE READ AND FULLY UNDERSTAND THIS PLAN OF WORK. ANY QUERIES, PROBLEMS OR AREAS NOT UNDERSTOOD HAVE BEEN DISCUSSED AND CLARIFIED WITH THE SITE SUPERVISOR / PROJECT MANAGER AS APPROPRIATE PRIOR TO SIGNING BELOW

NAME:	SIGNED:	DATE: