



P McGUINNESS & Co Ltd
Demolition/Asbestos Removal

The Risk Assessment and Method Statement for Limited Demolition to the Rear Stairway.

Longsight Youth Centre,
420-422, Stockport Rd,
Manchester.
M12 4EX

Doc Ref:	Date of Issue:	Author:	Signature:	Position:
RaMS: 212-2021 V-1.0	11 October 2021	Robert J. Dewar Tech IOSH		Health & Safety Manager.

This RaMS is a live document, and will be constantly reviewed and amended throughout the duration of the works.

Introduction

Under the requirements of The Health and Safety at Work etc Act 1974 and subsequent regulations enacted under it, P McGuinness & Co Ltd, has a duty to provide a working environment, working practices and work equipment that are, where reasonably practicable, safe and without risk to persons.

To underpin this objective the company subscribes to the following aims:

- To develop a culture and system of management which ensures that the Health, Safety and Welfare of all people affected by our operations is integral to the planning of those operations;
- To develop a culture and system of management which ensures that environmental issues are integral to the planning of operations;
- To ensure that all staff are actively involved in attaining these objectives;
- To ensure that Health, Safety and Environmental issues are considered at all stages of operational planning and operation;
- To ensure that adequate resources are available to meet Health, Safety and Environmental needs.

This Method Statement sets out the means to be employed by the Company in order to archive these aims in relation to this project.

This Method Statement should be read in association with the following documents referred to herein:

The Safety, Health and Environmental Policy of P McGuinness & Co Ltd;
BS 6187:2011 The Code of Practice for Demolition
The Construction (Design and Management) Regulations 2015
The Control of Asbestos Regulations 2012.

Section1

1.1 Project Description:

The removal of Part of the Rear Staircase Extension as shown Hatched in Red, in Drawing CL44371-2-MCC-XX-DR-B-002.

This will be by Manual Demolition from External Scaffolding Erected by the Client around the working area.

And remove arisings from site.

1.2 Programme Details:

1.2.1 Date of Possession: 26-10-2021

1.2.2 Programme Period: TBC

1.2.3 Working Times: 8-00 till 16-00 Mon-Fri

1.3 CDM Project Directory and Duty Holders:

1.3.1 Client:

Warden Construction Ltd,,
Damar House,
Richard Street,
Preston.
PR4 2HU.

Contact: Mr Ryan Stuart.

Tel:

Mob:

E-Mail:

1.3.2 Demolition Contractor:

P McGuinness & Co Ltd,
Rondin House,
Rondin Road,
Ardwick,
Manchester.
M12 6BF

Contact: P. McGuinness

Tel (Office): 0161 273 5272

Mob: 07775 866776

Fax: 0161 274 3884

E-Mail: office@pmcguinness.com

2.0 Working Procedures.

2.1 Security, Access and Welfare.

2.1.1 Security

The Site and General Working area will be within fully secured building and Yard controlled by the by the client, who will also provide all welfare Facilities.

2.1.2 Access/Egress

Pedestrian Entrance via a Secure gate into the works area, Controlled and monitored by the demolition Supervisor, with access restricted to authorised Persons only.

Contractors Vehicles for delivery's and Collections will travel onto and drive off the site via the service Entrance and proceed via the vehicle route round the Works to the rear of the site where they will be loaded by a waste chute from the Scaffold. There is no parking for contractors or private vehicles within the site confines, though they may be parked on the main car park.

2.1.3 Welfare

Welfare facilities are provided on Site by the Client and will be available throughout the works. The mess room will be equipped with provision of hot and cold running water (drinking quality), tables and chairs sufficient for the site staff and the provision for heating food and drinks.

In addition to the normal stocking of the changing facilities, sufficient stock of suitable disposable overalls will be provided for the staff involved in the removal of any dusty/hazardous materials encountered.

The toilets will be water flushed and provided with running hot / Warm water, soap and towels for washing.

No smoking is allowed anywhere on the Site grounds, other than the marked smoking area approved by the site Manager.

2.1.8 Live Services :

The wiring to the lighting in the suspended ceilings and any live services to be removed or isolated by the client before demolition work Commences.

Fire and Intruder alarms if fitted are to be isolated by the client.

Temporary Site Power is provided by the Client.

2.2 **Standard Measures for the Site:**

The Demolition Supervisor will ensure all staff using Light Demolition Breakers are recorded in HAVs Sheets.

- 2.2.1 **PPE/RPE:** Hi Vis jackets
Safety helmets: EN 397:1995
Safety boots with Toe Caps and mid sole protection: EN 345 (No Rigger Boots)
Gloves: EN 388 / 2243
Safety Glasses (as required)
Ear Protection (As Required)

2.2.3 **Training:**

Supervisor:

Operatives: As Assigned: (Approx. three)
CCDO – Demolition Operative

The number of operatives actually used on the site will be assessed and changes made by the demolition supervisor on a daily basis to meet his intended actions each day.

2.2.4 **Plant to be Utilised:**

Hand Tools (Picks, shovels etc).
Light Electric Breaker.

2.3 **All Asbestos Removal:**

No Asbestos has been identified by the client in these works.

2.4 **Welfare, Fire and Emergency Procedures:**

Welfare facilities will be provided and maintained by the client within the existing building.

The Site Supervisor will act as Fire Marshal for the works.

The fire alarm will consist of a canister air horn located with a set of fire extinguishers close to the works.

Fire extinguishers and an air horn will be maintained close to the working area. The fire alarm will consist of a canister air horn located with the set of fire extinguishers.

On locating a fire, operatives will first sound the site fire alarm and alert the site supervisor to the location and nature of the fire.

Out of hours the security staff will keep a watching brief in all areas for undetected fires whilst any alarm sensors are bagged off.

In the event of minor fires the operative will, sound the alarm and if safe, then attempt to extinguish the fire with a fire extinguisher, without exposing themselves to risk. On hearing the fire alarm everybody on the site will report to the supervisor at the muster point by the access gate, and he will check that all persons are accounted for. He will Contact the fire service and liaise with them.

Escape route will be marked and kept clear of debris at all times. No hot works will be undertaken unless a specific plan is in place stating the precautions and controls to be employed for the works.

3.0 Methods of Operation.

3.1 Clean Out/Soft Strip/Hand Demolition

All operatives using the electric Light breakers will have their exposure to HAVs recorded on the HAVs sheets by the demolition Supervisor.

Trained Demolition Operatives will under instruction from the appointed Supervisor will commence to dismantle the roof and walls to be removed by use of the light breaker, and dispose of all arisings via the waste chute to the skip provided.

Care will be taken at the lower levels to carefully preserve the areas marked around the external Doorway for later use. If the demolition Supervisor feels any additional propping is required around this doorway, it will be undertaken by the client.

4.0 Risk Assessments:

- 4.1.1 Work at Height
- 4.1.2 Manual Handling

COSHH

- 1 Demolition dust

Risk Ref: RAMS 212-2021

Area Assessed: Work at Height

Hazard Description:

Falls of persons
 Falls of materials
 Failure of equipment
 Stranding of operatives

Risk Description:

1. Personal injuries or death
2. Personal injuries or death

Risk Groups:

Operatives
 Other persons in area

Initial Risk Rating:

<u>Severity:</u>	X	<u>Frequency:</u>	X	<u>Likelihood:</u>	=	<u>Risk Rating.</u>
5		5		4		100 Very High.

Existing Control Measures:

1. All work will be conducted by trained operatives from External Scaffold.
This will result in the minimal exposure of staff to Risk.
2. The Maximum roof Height in this phase of the works does not exceed 6 meters.
3. All work at height is pre-planned and method statements and risk assessments issued for the works, in accordance with "The Work at Height Regulations 2005", and guidance issued under them.
4. In selecting the work and access equipment for this site, consideration has been given to the practicalities of the site and the tasks to be performed and any additional strains and stresses this will induce on the people and equipment.
5. Unless Individual Task is of a very short duration, and no reasonable alternative is available ladders are not to be considered as a working platform. They will be used as a means of access only and 3 points of contact should be maintained at all times.

6. Only Trained and Competent Managers will plan work at height, and on completion of the method statement this is reviewed by another competent person as a secondary check of suitability and compliance with the regulations.
7. All Mobile Tower Scaffolds will be erected and inspected by PASMA Trained Operatives.

Further Control Measures:

Residual Risk Rating:

<u>Severity:</u>	X	<u>Frequency:</u>	X	<u>Likelihood:</u>	=	<u>Risk Rating.</u>
5		2		1		10 Low.

Assessors Name: Robert J. Dewar Tech IOSH

Job Title: Health & Safety Manager

Signature:

Date: 11th October 2021

Risk Ref: RAMS 212-2021

Area Assessed: Manual Handling in Demolition and Strip Out Works.

Hazard Description:

- Personal Injury

Risk Description

Short Term Injury

Long Term Injury

Risk Groups:

All Staff

All Staff

Initial Risk Rating:

Severity: X **Frequency:** X **Likelihood:** = **Risk Rating**

3

3

3

27 Medium

Existing Control Measures:

1. Due to the very varied manual handling tasks undertaken as part of demolition works each task is assessed dynamically as works progress to provide a suitable method of work.
2. All company operatives and supervisors are trained in Manual Handling.
3. All work in these operations is planned so far as is reasonably practical to avoid manual handling, and to prioritise the use of mechanical handling techniques.
4. The Supervisor will assess each task and the individual operatives conducting the task using available guidance including the HSE Manual Handling Guide and assign additional operatives as required.
5. Safety Boots are provided and worn at all times.
6. Gloves are provided and should be used.
7. As a general guide no person will exceed the guide weights given in the HSE MAC Guide.
8. The Demolition Supervisor will check the work area to ensure that work routes are clear of obstructions or trip and slip hazards.
9. All operatives are instructed that if they are unhappy about any task, they should seek additional advice or assistance from the Supervisor or contact The Health & Safety Manager

(Mr R.J. Dewar on 07484 269830)

10. Company Absence records are regularly assessed to ensure there are no signs of an ongoing problem with company procedures.

Further Control Measures:

Residual Risk Rating:

<u>Severity:</u>	X	<u>Frequency:</u>	X	<u>Likelihood:</u>	=	<u>Risk Rating</u>
2		2		1		4 Low

Assessors Name: Robert J. Dewar Tech IOSH

Job Title: Health & Safety Manager

Signature:

Date: 11 October 2021

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COSHH ASSESSMENT FORM**Product Ref:** Demo 001 / 2010**Product Description:** Demolition Dust

A mixture of demolition arisings contains respirable Silica.

Hazard Assessment (Likelihood of Harm)

<u>Severity:</u>	X	<u>Frequency:</u>	X	<u>Likelihood:</u>	=	<u>Risk Rating</u>
4		4		2		32 Medium

Usage Assessment:**Process:** Demolition of structures**Purpose:** Arising**How Much:** Variable**How Often:** Variable**Those Affected:** All persons on or near the site.**Known Effects:**

1. Contains varying amounts of respirable crystalline silica which is known to cause the serious lung disease silicosis.

Control Measures:

1. Because most work is conducted in outdoor situations and involves constantly changing circumstances and wind conditions, it is not possible to conduct meaningful sampling and testing programmes to develop site specific controls (wind, weather and humidity all change daily and seriously change the levels of dust produced). For this reason, generic engineering controls and PPE are used which have proved to be effective for these operations.
2. All dust on site should be minimised by the use of water sprays.
3. No unauthorised persons should be permitted onto the site.
4. Where practicable controlled demolition methods should be used e.g. lowering walls with grapples to limit collapse, which reduce the formation of dust.

5. The site foreman should monitor visible dust levels arising from the work, and re-position water sprays to keep this to an absolute minimum.
6. Where dust is being produced people on the site should use respiratory protection (normally FFP3 Disposable Face Masks).
7. When purchasing new tools and plant the company will consider using air-conditioned cabs with suitable inflow filtration and suitable Dust suppression.
8. When conducting cutting operations with concrete saws, these will have water feeders on them for dust suppression.
9. Good welfare facilities are essential to encourage good personal hygiene.
10. Overalls used in dusty conditions should be made from synthetic materials as they retain less dust (The company uses Disposable overalls where practicable).

Emergency Procedures

There are no emergency procedures for this dust.

First Aid Measures

There are no relevant first aid measures as this dust normally produces long term effects.

PPE Requirements

FFP3 disposable respirators as required by site conditions;
Disposable overalls as required by site conditions.

Full PPE requirements should be contained in the individual Risk Assessment for each operation.

Assessors Name: R J. Dewar Tech IOSH

Job Title: Health & Safety Manager

Signature:

Date: 02-July-2019 (Reviewed July 2021)

6.0 Environmental Risk Assessments.

Controlled by Client.

7.0 Transfer Station Licence:

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/CP3294CX

issued to:
P. McGuinness and Company Limited ("the operator")

whose registered office is

Rondin House
Rondin Road
Ardwick
Manchester
M12 6BF

company registration number: **00880391**

to operate a regulated facility at

P McGuinness & Co Ltd
Rondin House
Rondin Road
Ardwick
Manchester
M12 6BF

to the extent set out in the schedules.

The notice shall take effect from 24/08/2012.

Name	Date
Tracey Pollard	24/08/2012

Authorised on behalf of the Environment Agency

Variation application number
EPR/CP3294CX/V004

Page 1

Issued: 24/08/2012

8 Operatives Confirmation of Reading:

I confirm I have been briefed on and understood the above method of work and the risk controls to be observed.

[illegible]

9.0 HAVS Exposure sheet.

Name: _____

Position: _____

Site: _____

Detail of Work:

Hand-Arm Vibration Exposure:

Day/Date	Exposure Start Time:	Exposure Finish Time:	TotalExposure Total Time: Hrs : Mins	Details of Tool	HAV Level M/S ² (Entry by Manager)

PPE in Use:

Management Comments: