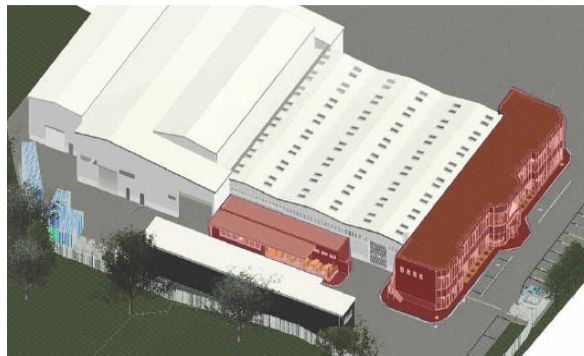


**CONSTRUCTION (DESIGN AND MANAGEMENT)
REGULATIONS 2015**

DEMOLITION PHASE

METHOD STATEMENT & RISK ASSESSMENTS



Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath, SA10 8HH

Following the removal and disposal of any Asbestos material in accordance with the Controls of Asbestos Regulations, 2012, demolish Office Block. Remove foundations and slabs. Remove pavement /brick pavers to front and side elevation of office block. Remove all waste material from the site.

For

***CGL Contractors Limited
Unit 9, Mardon Park,
Baglan Energy Park,
Port Talbot. SA12 7AX***

***L.G. Murphy (Swansea) Limited
Unit 11, Prospect Park,
Queensway,
Fforestfach,
Swansea,
SA5 4ED***

Project Description: New Offices & Canteen Refurbishment Works.

Project No:TBA

Project Location : Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath, SA10 8HH

Document Title: Demolition Phase Method Statement and Risk Assessments

Document ref:

Revision	Date	File			
2	18 th July 2022	Description	Issue 1		
			Approvals and Conformance:		
			Construction (Design and Management) Regulations, 2015 – Method Statement & Risk Assessments The Health and Safety at Work etc Act 1974		
			Copyright		
			Demolition Phase Plan Document - Format and Narrative: Copyright © Moorgate Consulting. All Rights Reserved. Copyright, Designs and Patents Act 1988. Exceptions within document: Covid-19 Notice – Gov Uk document.		
			Prepared by	Assessed by	Approved by
		Name Position	P. Wilson	M. Williams	P. Wilson Consultant



Site Plan

5.1 Site Set Up



L. G. Murphy (Swansea) Limited

METHOD STATEMENT

Construction (Design and Management) Regulations 2015

For the purpose of this method statement the Client is the organisation L. G. Murphy (Swansea) Ltd are contracted to.

Client:/Principal Contractor: CGL Contractors
Unit 9, Mardon Park,
Baglan Energy Park,
Port Talbot. SA12 7AX

Principal Designer: Green Build Management Services
Unit 19 Mardon Park
Central Avenue, Baglan
Port Talbot, SA12 7AX

Contact: Paul Radcliffe
Phone: 01639 814 246
Email: paul@groundhog.co.uk

Contact: Robert Williams
Mobile: 07469235178
E-mail: robert.williams@greenbuildms.co.uk

Demolition Principal Contractor: LG. Murphy (Swansea) Limited
11, Prospect Park
Queensway
Swansea West Industrial Estate
Fforesfach Swansea SA5 4ED

Contact: Andrew Murphy
Telephone: 07774730276
E-mail: andrew.lgmurphy@btconnect.com

Site Location: Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath, SA10 8HH

Description of Works: Following the removal and disposal of any Asbestos material in accordance with the Control of Asbestos Regulations, 2012, demolish Office Block. Remove foundations and slabs. Remove pavement /brick pavers to front and side elevation of office block Remove all waste material from the site..

L. G. Murphy (Swansea) Limited Site Supervision: -

Mr Andrew Murphy –Project/Site Manager – Responsible for overall management of the entire Project.

Geraint Williams- Contracts Manager– Reporting to the Project Manager

Number of employees involved: - 1 Site Manger, 2 operatives

Contact telephone numbers/e-mail addresses: -

Andrew Murphy: 07774730276 E-mail: andrew.lgmurphy@btconnect.com

Geraint Williams: 07968 750232 E-mail: geraint.williams@live.com

Wayne Robinson Contracts Manager, CGL Services 07577060858 E-mail: wayne@cglservices.co.uk

Safety Adviser: Moorgate Consulting: 07964106382. E-mail: consulting@moorgate-london.com

Information supplied by Client: - Client's Pre-Construction Informatio. CGL Construction Phase Plan –Draft

'R&D Asbestos Surveys are commissioned for 13th July 2022'

'Thursday 21st July CGL will carry out investigation works to establish how concrete roof of offices ties into existing factory dividing wall. LGM to visit site to observe findings'.

*'Vale Consultancy have been undertaking a full measured survey of the structures and steelwork and will be providing design calculations and drawings for the proposed project .**Particular areas of focus will be the***

elevations of the existing structure tying back into the main manufacturing factory walls and *how these will be worked upon during the demolition*'.

SITE SECURITY

Demolition Site secured by Hears fencing erected by the Principal Contractor. Gates secured. Plant and vehicles locked out of hours.

SITE ACCESS

Site access off Ynysygerwn Avenue - Banksman control in place as necessary. **LGM assumes exclusive access to the Demolition Site**

DESIGN /SITE HAZARDS

Presence of Asbestos Materials. The Control of Asbestos Regulations 2012 applies **R&D Asbestos Surveys are commissioned for 13th July 2022'**

No access onto roofs permitted.

Adjacent connected factory building is **manned and operational** by Groundhog Ltd during the demolition phase!

Existence of Oxygen and Nitrogen storage tanks in area!

Filling of Oxygen & Nitrogen tanks by road tanker takes place during demolition phase!

The Wildlife and Countryside Act 1981 (WCA)

European Union Council Directive 92/43/EEC of 21 May 1992 on the Conservation of Natural Habitats and of Wild Fauna and Flora. Conservation of Habitats and Species Regulations (2010).

If bats exist on the site a Derogation Licence must be issued to the Client by an Ecologist to allow demolition to proceed.

METHODS OF EXECUTION

ACCESS EQUIPMENT

Tower Scaffold

PLACE TO BE USED

Internal

MATERIALS STORAGE

Recovered materials will be temporarily stored on hard standing. They will always be stored so that they do not present a hazard to anyone else in the vicinity. Considerations, which will be applied when using a designated storage area will be: -

- (a) Preventing falls of materials
- (b) Minimising trips and collisions
- (c) Blocking safe access and egress routes
- (d) Flammability of materials to be stored

Most of the waste arisings on this project will fall within the building footprint and are sorted and placed directly from there into waste bins or Lorries for removal from site. A designated laydown area would only be applicable if concrete/brick arising were stockpiled for crushing and perhaps stockpiled for the Client's use.

ELECTRICAL

Any electrical equipment used on this project will be of 110v supply or battery operated and PAT tested. Visual checks of the equipment will be undertaken before each use.

WELFARE AND FIRST AID

Welfare and Toilet facilities will be provided on the site by the PC These all conform to the requirements of the Construction (Design and Management) Regulations 2015 – Regulations 4(2)(b),13(4)(c) and 15(11). A First Aid kit will be available at site along with an emergency eye wash kit.

First Aid arrangements to include Covid-19 precautions for administration of First Aid for example to and unconscious person who is not breathing!.

PLANT

All plant to be used will be serviced and maintained in accordance with the manufacture's guidance and any statutory instructions. On this project the following plant will be utilised: -

<u>PLANT</u>	<u>USE</u>
15 ton 360deg Excavator - Grab / HD Breaker	Demolition/Waste handling
40 yd waste bins	Waste removal
8 wheeler lorries	Concrete/ brick disposal
Water Bowser	Dust suppression

TRAINING

All workers will only be allowed to undertake work that they have been suitably instructed and trained to carry out. Where statutory training is required this will have been undertaken prior to commencing work. Copies of statutory training certificates are available on request. Supervisors, Managers and operatives hold appropriate current CSCS and CPCs cards.

L.G. Murphy are members of the National Demolition Training Group (NDTG) who provide regular training to the Company

Pre-work briefings will take place with all workers prior to commencing work. The briefing will include the following: -

- This document
- Safety Data sheets and COSHH Assessments
- Work Sequences as per work programme.
- Safe Working Arrangements
- Risk Assessments (enclosed)
- Any information supplied by the Client e.g. Site Rules.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Where PPE is identified as necessary for any part of the work, the PPE will have been assessed for its suitability prior to it being used. All workers will receive instruction at the pre-work briefing on the use, storage and maintenance of any PPE to be used. The wearing of PPE will be enforced using our disciplinary procedure.

No shorts/short kilts or skirts on site and T shirts must be on

The following is a list of PPE conforming to BSi/EN specifications and standards intended for use on this project: -

<u>PPE</u>	<u>USE</u>
Hard Hats	Head protection
Gloves	Hand protection
Hi Visibility vests	Alert other workers
Safety footwear	Foot protection
Ear protection	Hearing protection
Eye Protection	Eye protection
FFP3 or Face Fit Respirator (Asbestos dust Filter to EN14387:2004 -F EN143:200 -Filter performance)	Respirable dust /Covid-19 protection
Full body safety Harness with secured safety line	Work at height
Disposable Overalls	Protection from dust.

MATERIALS AND SUBSTANCES

All workers will be given information and/or instruction on the materials and substances to be used or found to be present on this project. This information will be extracted from the safety data sheets and COSHH assessments. This information will be given in the pre-work briefing mentioned below under the heading "Training".

Other than the materials and substances listed below, no other substances will be brought onto site without the client's permission. List of materials and substances to be used: -

<u>MATERIAL/SUBSTANCE</u>	<u>USE</u>
Diesel Fuel	Plant fuel

SEQUENCE OF WORK - In accordance with the Schedule to the Section 81 Notice issued by Neath Port Talbot Borough Council- Dated : 30th June 2022

If at any time the sequence of work has to be changed this will not be done without first consulting with the Client. CGL Contractors , Unit 9, Mardon Park, , Baglan Energy Park, Port Talbot. SA12 7AX

Visit to site and survey by L.G. Murphy (Swansea) Limited to familiarise themselves with the site including the structural condition/design of the building and to determine safe sequence of work for the preparation of Method Statement and Risk Assessments. Site meeting held with Client to discuss project.

Welfare facilities put in place by the Principal Contractor conforming to the Construction (Design and Management) Regulations 2015 – Regulations 4(2)(b), 13(4)(c) and 15(11).

Written confirmation of Electrical/Gas disconnection/isolation to be provided to L.G. Murphy (Swansea) Limited.

Induction Briefings provided to all operatives and sub-contractors personnel to include Method Statements and Risk Assessments, supervision and communications, location of pedestrian designated safe routes, identification of restricted areas, welfare and first aid facilities, site rules, emergency evacuation routes, fire precautions and waste management and environmental arrangements.

Site Induction provided by the Principal Contractor. Emergency Assembly Points identified

Stop Work Protocol in place to be enacted if unexpected conditions arise or work is required which is outside the approved existing RAMS. In such cases Rams are to be revised and approved by all parties before work resumes.

1.0 Surveys

1.1 13th July Refurbishment/Demolition Asbestos Survey to be carried out and report provided to LGM

1.2 21st July CGL will carryout investigation works to establish how concrete roof of offices ties into existing factory dividing wall. LGM to visit site to observe findings.

2.0 Demolition Site Set-up

2.01 Under control of banksman unload heavy plant from low loader together with waste bins.

2.02 Main sewer connections and rain water gullies to buildings sealed/protected. Manholes protected and retained where specified by the Client.

3.0 Asbestos Removal

3.01 Demarcation of restricted areas and exclusion zones using hazard tape/barriers and signage put in place

3.02 Following findings of a Refurbishment/Demolition Asbestos Survey unlicensed asbestos removal and disposal carried out by a L.G. Murphy (Swansea) Ltd Specialist Team of trained and qualified operatives wearing disposable hooded overalls and face-fit respirators and supervised throughout. Where broken or friable asbestos material or debris exists the work will be carried out in accordance with NNLW and the Control of Asbestos Regulations 2012. Notifiable Non Licensed Work (Regulation 22(3))

Operatives have within the past 3 years received Medical Health Surveillance in accordance with Control of Asbestos Regulations 2012

Water spray used to suppress dust evolution. On completion PPE bagged and disposed of as hazardous waste.

4.0 Soft Stripping

4.1 Set up exclusion zone using hazard tape /barriers and signage under control of banksman

4.2 Operative's soft strip by hand from building non-load bearing; internal secondary elements, fittings and fixtures which do not provide structural support or that may result in an unsafe structure following removal including minor non-structural items. In accordance with the following CGL Construction Phase Plan- July 2022 Issue 01 – Draft :-

- Operatives will strip out all doors, frames, windows, timber of any description, (not the roof or main structure) toilets, pipe work, ducting, electrical items, and any debris.
 - Any clean, unpainted constructional timber will be segregated from the general waste. Where this material is free of nails, screws, hinges etc it will be segregated for recycling by a specialist company. Any materials deemed as not suitable for recycling will be removed from site in skips as controlled waste to an appropriately licensed landfill site.
 - Where possible the materials will be loaded by hand method into skips and removed from the site. Where access for skips is not available the materials will be segregated and stored within the building where they will be removed at a later stage.
 - Once access for skips is available the materials will be loaded into the skips by use of the excavator and by hand method.
 - At no times shall operatives gain access to partially demolished or unsafe buildings to recover soft stripped materials, these materials will be removed by mechanical means and when safe to do so by hand method.
 - All soft stripped materials will be processed and segregated into individual waste/recycling streams. All materials deemed suitable for recycling will be loaded into suitable skips and transferred from the site to a suitable recycling venue.
 - All waste materials unsuitable for recycling will be transported from the site where it will be taken to landfill facilities.
-

5.0 Office Block Demolition

Structural Survey

No Structural Engineers Survey Report has been provided by the Client. However, a visual structural inspection has been carried out on the building by Andrew Murphy and Geraint Williams of LG Murphy (Swansea) Ltd taking into account the structural integrity of the building.

Following a further site investigation on 21/7/22 by CGL to establish how concrete roof of offices ties into existing factory dividing wall. with LGM in attendance the following actions will be taken:-

5.01 Re-set exclusion zone using hazard tape /barriers and signage under control of Banksman.

5.02 **Building checked clear of personnel. Entrances secured/barricaded to prevent entry. Main Factory building internal exclusion zones set up adjacent to dividing/connecting walls to protect and to prevent access by Client's staff**

5.03 Using 15ton 360°excavator with selector grab working under Banksman control within exclusion zone, reduce concrete roof and walls of the building to slab level in a controlled and progressive manner ensuring stability throughout. External walls progressively reduced inwards into the building footprint. Use water suppression for dust control throughout

5.04 **Demolition interrupted by Banksman to allow structural inspection by Andrew Murphy to re assess stability of building before continuing.**

5.05 Using 15ton 360° excavator with grab attachment places waste masonry material in 8 wheel tipper lorries, separate and place all other waste into designated 40yard waste bins for removal from site.

6.0 Slab, Footings Removal

In accordance with the following CGL Construction Phase Plan- July 2022 Issue 01 – Draft :-

'Upon completion of the demolition works to the existing office structure, trial holes will be dug to confirm foundation levels and for the purposes of ground sampling. If sample results indicate any concerns, then works will cease and remediation / mitigation plans will be discussed and agreed.'

6.01 Reset exclusion zone using hazard tape /barriers and signage under control of Banksman.

6.02 Following LGM buried services survey including desk top study of services drawings and CAT scan of the demolition area an Excavation Permit to Work issued by LGM Site Supervisor and controls put on place.

6.03 With Excavation Permit to Work conditions in place working in exclusion zone under control of Banksman use 15ton 360° excavator with breaker attachment to remove slabs and footings **ensuring no damage to adjacent foundations of factory walls ! - Liaise with Client's Engineer as adjacent foundations approached**
Use Dust Control System to suppress dust .

6.04 **Where necessary place barriers around excavation voids until backfilled**

6.05 Use 15ton 360° excavator to remove pavement / brick pavers to front and side elevation of office block .

6.06 Liaise with Client's Engineer to ensure adequate road/pavement support remains after footings are removed.

6.07 On completion Excavation Permit to Work closed out and copy retained by LGM Site Supervisor.

6.08 Where necessary backfill excavation voids to Client's specification.

6.09 Using 15ton 360° excavator place waste masonry material in 8 wheel tipper lorries

Remove all plant, and tools from the site.

Liaise with Client to ensure security of site boundary.

Inspect site with Client's Representative and hand site back to Client.

Signed:Date:19/07/2022
Andrew Murphy, Managing Director

Employee Agreement.

"The contents of this Method Statement and attached Risk Assessments have been explained to my satisfaction and are fully understood.
I understand that I must adhere strictly to the sequence of operations and all other instructions above and that in the event of any need to deviate from the methods laid down I must stop until agreement is reached and recorded in writing on any revised method of work."
Sign below:

L.G. Murphy (Swansea) Limited

Construction Design and Management Regulations 2015

Stop Work Protocol

Revision of Method Statement/Risk Assessment

Stop Work Protocol in place to be enacted if unexpected conditions arise or work is required which is outside the approved existing RAMS. In such cases work is to stop and Rams are to be revised and approved by all parties before work resumes as defined below:

In the event changing circumstances require alterations to the defined method of working as laid down in the RAMS Rev.....Dated..... Mr Andrew Murphy will agree any changes with the Client:CGL contractors. Both will sign agreement below with a copy provided to the Client SGL Contractors and a copy displayed at the LGM work site. Changes, which should be referenced to the original document, must be clearly detailed below together with any drawings. A review of the original Risk Assessments must be carried out and if any changes are necessary they must be recorded.

LGM operatives and sub-contractors will be made aware of the changes and will sign below that they have read and understand them.

This form when completed is a legal document and should be properly revision indexed and referenced.

Use continuation sheet

Name	Company	Signature	Date	Comments
Andrew Murphy	LGM			
	CGL Contractors			

Declaration by LGM /Sub-contractor Staff

The changes to the original Method Statement and Risk Assessments have been explained to my satisfaction and are fully understood. I am aware that I must adhere strictly to the sequence of operations and all other instructions above and that in the event of any need to deviate from these works must stop until agreement is reached and recorded in writing on any revised method of work."

Name	Company	Signature	Date	Comments

Date:

Revision 0

WAH Operations. **Emergency Plans**

WAH Operations – Harness Suspension. Tower Scaffold- Groundhog Ltd

Health Consequences of Suspension

All users of personal fall protection systems and others involved with work at height should be aware of the following precautions that might need to be taken in the event of a casualty being in a suspended position.

- ❖ The longer the casualty is suspended without moving, the greater the chances are of serious consequences developing. Therefore, an injured person hanging in a harness awaiting rescue should be removed from upright suspension as quickly as possible. The aim should be to do this within 5 minutes. This is particularly important for a casualty who is a motionless
- ❖ A conscious casualty should be encouraged to exercise their legs gently, to stimulate circulation of blood.
- ❖ Regarding position of the casualty:
 - During rescue, a position with the lower limbs slightly elevated may be preferable.
 - If suspension has occurred alert medical services immediately.
- ❖ Following an accident, the casualty should be:
 - Removed from the suspended position to the nearest point of safety.
 - Assessed by a qualified first aider.
 - Given professional medical assistance as quickly as possible.

Users of personal fall protection equipment should be aware of potential complications which can occur from prolonged suspension. Whilst speed is essential it is vital that the specially trained rescue team wear full body harness and secured fall restraint before commencing any rescue operation.

If someone is suspended in a harness

React Immediately

You only have a short time to rescue them especially if they are unconscious

If it is unlikely that site rescue team will be able to affect a rescue within 5 minutes the Fire & Rescue and Ambulance Services should be called immediately on 999

Training

It is crucial that rescue teams are exercised regularly in the techniques required to quickly perform rescue operations including familiarity with rescue equipment which is available at site.

References:

The Work at Height Regulations 2005
International Powered Access Federation. Guidance on Emergency Rescue.
BS 8454: 2006. Code of practice for the delivery of training and education for work at height and rescue
HSE - General Information

L. G. MURPHY (SWANSEA) LIMITED

C.O.S.H.H. ASSESSMENT

Control of Substances Hazardous to Health Regulations 2002 as amended

SUBSTANCE : Diesel Fuel – Ultra Low Sulphur Derv		I.D. NUMBER: 11/07/2022 Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath,	
DESCRIPTION OF USE: As a gas oil fuel for plant and on-road vehicles.			
LIKELIHOOD	Possible		
SEVERITY	Major		
EXPOSURE	Short Term		
QUALIFIED RISK RATING		High - without Controls in place. Low – with Controls in place.	
PERSONS AT RISK	ROUTES OF ENTRY	HAZARDS	
Operator ✓ Other Employee ✓ Contractor ✓ Visitors ✓ Young Persons Expectant Mother	Inhalation ✓ Ingestion ✓ Absorption ✓ Injection ✓ See Note 2.	Corrosive below Toxic Flammable ✓ Flash Point 60° Highly Flammable Explosive Sensitiser ✓ Note1: May contain Polycrylic aromatic hydrocarbons (PCAs) potential to cause skin cancer (category 3 carcinogen). Note 2: Injection under skin may have serious medical effects	
Other / Specify-See Note1 Asphyxiant Harmful ✓ Extremely Flammable Irritant ✓			
CHEMICAL OCCUPATIONAL EXPOSURE LIMITS, (if applicable).			
CHEMICAL NAME		STEL	LTEL
Complex mixtures of distillate hydrocarbons mainly paraffinic, naphthenic and aromatic in range C10-C28 with additives. Note. Additives do not contribute any additional hazard.		10mg/m ³ (15 minute ref)	5 mg/m ³
CONTROLS: Transfer of fuel to vehicles pumped by electric pump through hose with trigger nozzle from purpose designed bunded fuel bowser ort TransCube Smoking is not permitted on site. No consumption of food or drink permitted in the workplace. Well-ventilated area. Nitrile gloves, goggles (none venting), boots, disposable overalls with hood worn by operator. Strict hygiene followed including washing facilities Access to area strictly restricted. Training provided to all operatives.			
Does the substance require a DSEAR assessment?		Yes	
Are there any restrictions allocated to this substance?		Yes	
If "YES" please specify: Dispose of as hazardous waste Harmful to the environment. Transport Classification: UN Flammable Liquid. Class 3 (111) Avoid flames. Flash Point 60°C min			
RECOMMENDATIONS / REMEDIAL ACTIONS: Ensure movement onto and off site controlled by banksman. Maintain existing controls. Monitor and review every 12 months Provide spill kit.			

Prepared by: P. Wilson...Date: 11/07 2022

L. G. MURPHY (SWANSEA) LIMITED

MANUAL HANDLING RISK ASSESSMENT

MANUAL HANDLING OPERATIONS REGULATIONS, 1992, as amended 2002

SECTION 1

Description: Operative's soft strip by hand from building non-load bearing; internal secondary elements, fittings and fixtures which do not provide structural support or that may result in an unsafe structure following removal including minor non-structural items.

Reference: MH 11/07/2022

Date: 11th July 2022

Assessor: P. Wilson.

Location: Groundhog UK Ltd, Ynysygerwn Avenue,
Aberdulais, Neath, SA10 8HH

Number involved in the task: 3

Level of experience: High

Overall assessment of the risk of injury: Low with controls in place including supervision.

SECTION 2

Remedial Actions:

Manual handling assessed on an individual basis with a maximum limit of 25kg.
Limited to short term occasional lifts by trained experienced operatives.
Mechanical aids utilised wherever practicable including 15 ton 360° Excavator.
Wearing of PPE provided enforced under Site Rules.
Risk Assessments, Method Statements and Training provided.
Direct supervision by experienced Management in place throughout.

L. G. MURPHY (SWANSEA) LIMITED
MANUAL HANDLING RISK ASSESSMENT
MANUAL HANDLING OPERATIONS REGULATIONS, 1992, as amended 2002

SECTION 3					
Considerations	If yes, tick appropriate level of risk			Risks arising from the task	Remedial action
	Low	Med	High		
The tasks - do they involve?					
Holding loads away from the trunk					
Twisting					
Stooping		√		Strain when lifting material	Training and correct lifting techniques employed
Reaching upwards		√		Strain when lifting material	Training and correct lifting techniques employed
Large vertical movement					
Long carrying distances					
Strenuous pushing / pulling					
Repetitive handling					
Insufficient rest or recovery					
Work rate imposed by a process					
The loads - are they?					
Heavy		√		Strain when moving material	15 ton Excavator, utilised
Bulky / Unwieldy		√		Strain when moving material	15 ton Excavator utilised
Difficult to grasp					
Unstable / Unpredictable					
Intrinsically harmful(e.g. sharp / hot)			√	Cuts from handling material	Appropriate PPE provided.
The working environment - are there?					
Constraints on posture					
Poor floors					
Variations in floor levels					
Hot/cold/humid conditions					
Strong air movements					
Poor lighting conditions					
Individual capability - does the job?					
Require unusual capability					
Hazard those with a health problem*			√	Harm to individual	Only employees in good health employed on this task.
Hazard those who are pregnant*			√	Harm to mother/child	Pregnant employees not employed on this task.
Call for special information / training			√	Harm to individual	Demolition RA and Method Statement. Demolition Phase H & S Plan and MH training. Induction training.
Other factors					
Is movement or posture hindered by clothing or personal protective equipment?	YES	NO √			

* We confirm that the **Task Risk** is judged to remain High irrespective whether a pregnant employee is employed or not. The same applies to those with health problems irrespective whether or not only employees in good health are employed on this task.

L. G. Murphy (Swansea) Limited

Risk Assessment – Construction Design and Management Regulations 2015

Project Location: Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath, SA10 8HH

Project: Following the removal and disposal of any Asbestos material in accordance with the Control of Asbestos Regulations, 2012, demolish Office Block. Remove foundations and slabs. Remove pavement /brick pavers to front and side elevation of office block Remove waste material from the site.

Client: CGL Contractors , Unit 9, Mardon Park, , Baglan Energy Park, Port Talbot. SA12 7AX

No	Hazards	Risks Arising	Persons at Risk	Level of Risk with Existing Controls			Frequency	Additional Control Measures	Risk Assessment With Controls		
				L	S	R			L	S	R
1	Hazardous Substances- Covid -19	Fatality/ ill health due to exposure to Covid-19 virus	LGM Staff and their families Others	5	5	25	High	The Welsh Government announced on 30 May 2022 that all coronavirus rules have come to an end. Hot water hand washing facilities, and hand sanitizer made available. , Face coverings/face masks, overalls and eye protection available as required.	2	5	10
2	Hazardous Substances- Covid -19	Fatality/ ill health due to exposure to Covid-19 virus	LGM Staff and their families Others	5	5	25	High	Employees who are at high risk due to under lying health symptoms required to self-isolate and not attend site. An employee or a family member sharing the same house who displays a dry cough and high fever is required to self-isolate and the employee not attend site. Telephone 111 for advice. Inform Andrew Murphy immediately.	2	5	10
3	Employees	Fatality/ ill health due to exposure to hazards	LGM Staff	4	5	20	High	Personnel must have suitable H&S training including holding current CSCS cards. Site induction/site familiarisation carried out by Principal Contractor before starting work. Competence and training records to be verified before starting work Personnel that they have read and understand RAMS- Stop Work Protocol in place to be enacted if unexpected conditions arise or work is required which is outside the approved existing RAMS. In such cases Rams are to be revised and approved by all parties before work resumes.	2	5	10
4	Hazardous Substances	Fatality/ ill health due to exposure to hazardous substances.	LGM Staff	4	5	20	Low	Compliance with COSHH Regulations- Information and MSDS provided and assessments carried out where necessary. Welfare facilities provided including washing facilities. Good personal hygiene practices adopted and PPE used. Certificated Training provided. Possible existence of needles on site- precautions taken.	2	5	10

LIKELIHOOD (L) 5=Very Likely 4=Likely 3=Possible 2=Unlikely But Conceivable 1=Highly Unlikely	SEVERITY (S) 5=Fatal 4=Major Injury 3= Injury, Illness, Serious Damage 2=Minor Injury/Damage 1=Delay/ Prosecution	Risk Level=L x S	RISK 13-25 Unacceptable Significant Risk. Eliminate Activity.
			8-12 Acceptable Risk. Manage Risk and Monitor.
		Note Risk Controls Managed/Monitored by Andrew Murphy	3-7 Low Risk. Manage Risk and Monitor.
			1-2 Negligible Risk. Monitor.

L. G. Murphy (Swansea) Limited

Risk Assessment – Construction Design and Management Regulations 2015

Project Location: Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath, SA10 8HH

Project: Following the removal and disposal of any Asbestos material in accordance with the Control of Asbestos Regulations, 2012, demolish Office Block. Remove foundations and slabs. Remove pavement /brick pavers to front and side elevation of office block Remove waste material from the site.

Client: CGL Contractors , Unit 9, Mardon Park, , Baglan Energy Park, Port Talbot. SA12 7AX

No	Hazards	Risks Arising	Persons at Risk	Level of Risk with Existing Controls			Frequency	Additional Control Measures	Risk Assessment With Controls		
				L	S	R			L	S	R
5	Hazardous Substances/ Asbestos	Fatality/ ill health due to inhalation of asbestos fibres.	LGM Staff Clients Staff Public	5	5	25	Low	Asbestos removal and disposal carried out by a L.G. Murphy (Swansea) Ltd Specialist Team of trained and qualified operatives wearing disposable hooded overalls and face-fit respirators and supervised throughout. The work will be carried out in accordance with NNLW and the Control of Asbestos Regulations 2012. Operatives have within the past 3 years received Medical Health Surveillance in accordance with Control of Asbestos Regulations 2012 Water spray used to suppress dust evolution. On completion PPE bagged and disposed of as hazardous waste. LGM operatives and Supervisors are trained and certificated in Asbestos Awareness training to recognise asbestos material and to take action if any suspicious material is encountered including Stop Work withdrawal from the area and reporting to Management. Water spray used to suppress dust evolution throughout.	2	5	10
6	Demolition. Stability during demolition.	Injury/ fatality due to unintended collapse.	LGM Staff	4	5	20	High	Construction design reviewed and structural inspections carried out before and during demolition. Progressive and controlled demolition carried out according to the principles laid down in British Standard BS6187-2011 Code of Practice for Full and Partial Demolition Trained well supervised operatives. Experienced qualified Demolition Contractor and Management.	2	5	10
7	Work at height	Injury/fatality to due to falls.	LGM Staff	5	5	25	Med	Tower Scaffold used for access All work at height carried out in conformance with the Work at Height Regulations 2005	2	5	10
8	Contact with services	Injury/fatality	LGM Staff	5	5	25	Low	Written confirmation of services disconnection provided to LGM. Buried services survey carried out and EPTW issued by LGM	2	5	10
9	Weight of materials	Injury whilst handling materials	LGM Staff	4	4	16	Low	Lifting carried out by mechanical means wherever possible- 15 ton 360° excavator utilised Certificated Training provided. MH Risk Assessment carried out.	2	4	8
10	Fire	Injury/fatality fire/explosion.	LGM Staff Visitors	4	5	20	High	No smoking permitted. Fire precautions and Fire Emergency Action Plans in place. in conformance with Groundhog and CGL fire plans	2	5	10
11	Unauthorised access to area	Injury/fatality	Public	4	5	20	High	Site secured by fencing and gates. Warning signage in place. Plant/vehicles locked and keys removed out of hours. LGM assumes exclusive access to the demolition sites	2	5	10
12	Operation of Plant	Injury/fatality due to ground collapse.	LGM Staff	4	5	20	High	Ground conditions inspected by Andrew Murphy and found to be suitable for heavy plant.	2	5	110

L. G. Murphy (Swansea) Limited

Risk Assessment – Construction Design and Management Regulations 2015

Project Location: Groundhog UK Ltd, Ynysgerwn Avenue, Aberdulais, Neath, SA10 8HH

Project: Following the removal and disposal of any Asbestos material in accordance with the Control of Asbestos Regulations, 2012, demolish Office Block. Remove foundations and slabs.

Remove pavement /brick pavers to front and side elevation of office block Remove waste material from the site.

Client: CGL Contractors , Unit 9, Mardon Park, , Baglan Energy Park, Port Talbot. SA12 7AX

No	Hazards	Risks Arising	Persons at Risk	Level of Risk with Existing Controls			Frequency	Additional Control Measures	Risk Assessment With Controls		
				L	S	R			L	S	R
13	Impact on neighbours	Nuisance due to Noise /Dust/Transport	Neighbours	3	5	15	High	Dust controls in place. Noise limitation fitted to plant. Traffic management system controlled by Banksmen. Qualified experienced plant operatives and transport drivers. Hazard lights in use throughout. No parking on roads or obstruction of access roads	1	5	5
14	Contact with site transport/ plant	Injury/fatality	LGM staff Public Visitors	4	5	20	High	Pedestrian safe routes demarcated. Traffic Management system controlled by Banksmen. High visibility vest worn by operatives/visitors under strict site rules. Qualified experienced plant operatives and transport drivers. Hazard lights in use throughout. Nitrogen and O2 deliveries coordinated with LGM operations.	2	5	10
15	Respiratory Protection	Injury/fatality due to inhalation of harmful substances	LGM Staff	5	5	25	Med	Must be selected for the task to be performed and must conform to BSI/EN specifications and standards. Worn under strict site rules. Assessed before use to ensure fit for purpose. Maintained, stored & used correctly Instructions on correct safe use provided to user.	2	5	10
16	Overalls	Skin contact with harmful substances	LGM Staff	5	3	15	High	Full coverage and correct size and fit Must be selected for the task to be performed and must conform to BSI/EN specifications and standards. Worn under strict site rules. Assessed before use to ensure fit for purpose. Maintained, stored & used correctly Instructions on correct safe use provided to user.	2	3	6
17	Foot Protection	Crushing, impact and puncturing injuries to feet and slipping.	LGM Staff	4	4	16	High	Must be selected for the task to be performed and must conform to BSI/EN specifications and standards. Worn under strict site rules. Assessed before use to ensure fit for purpose. Maintained, stored & used correctly Instructions on correct safe use provided to user.	2	4	8
18	Head Protection	Injuries to head from falling/flying objects and from bumping head	LGM Staff	5	5	25	Med	Must be selected for the task to be performed and must conform to BSI/EN specifications and standards. Worn under strict site rules when there is overhead working or if working in restricted head space or confined spaces Assessed before use to ensure fit for purpose. Maintained, stored & used correctly Instructions on correct safe use provided to user.	2	5	10
19	Hand Protection	Injuries to hands from sharp objects	LGM Staff	5	5	25	High	Must be selected for the task to be performed and must conform to BSI/EN specifications and standards. Worn under strict site rules Assessed before use to ensure fit for purpose. Maintained, stored & used correctly. Instructions on correct safe use provided to user.	2	5	10
20	Eye Protection	Injuries to eyes from sharp objects	LGM Staff	5	5	25	High	Must be selected for the task to be performed and must conform to BSI/EN specifications and standards. Worn under strict site rules. Assessed before use to ensure fit for purpose. Maintained, stored & used correctly. Instructions on correct safe use provided to user.	2	5	10

L. G. Murphy (Swansea) Limited

Risk Assessment – Construction Design and Management Regulations 2015

Project Location: Groundhog UK Ltd, Ynysygerwn Avenue, Aberdulais, Neath, SA10 8HH

Project: Following the removal and disposal of any Asbestos material in accordance with the Control of Asbestos Regulations, 2012, demolish Office Block. Remove foundations and slabs. Remove pavement /brick pavers to front and side elevation of office block Remove waste material from the site.

Client: CGL Contractors , Unit 9, Mardon Park, , Baglan Energy Park, Port Talbot. SA12 7AX

No	Hazards	Risks Arising	Persons at Risk	Level of Risk with Existing Controls			Frequency	Additional Control Measures	Risk Assessment With Controls		
				L	S	R			L	S	R
21	Waste Management	Harm to the Environment.	LGM Staff Public	3	3	9	High	Crushed concrete/brick and Mixed Waste removal from site for recycling/disposal in accordance with Waste Duty of Care in Section 34 of the Environmental Protection Act 1990, the Environmental Protection (Duty of Care) Regulations 1991	1	3	3
22	Environmental damage	Harm to environment due to demolition works	LGM Staff Public	4	3	12	High	Drains/manhole covers protected Sewer Connection sealed where required. Oil spill kit available.	2	3	6
23	Leptospirosis (Weils Disease).	Fatality/III health due to contact with rat urine.	LGM Staff	4	5	20	High	Welfare facilities include washing arrangements. Good hygiene standards maintained. Training provided.	2	5	10

Signed:.....Date 19th July 2022
Andrew Murphy Managing Director

Employee Agreement.

"The contents of these Risk Assessments and attached Method Statement have been explained to my satisfaction and are fully understood. I understand that I must adhere strictly to the sequence of operations and all other instructions above and that in the event of any need to deviate from these works must stop until agreement is reached and recorded in writing on any revised method of work.

Sign below

Appendix 1

‘Pre-site investigation Demolition works’

- Notwithstanding the details contained within this Demolition Phase Method Statement and Risk Assessments, a pre-site investigation demolition phase will occur that will be limited in its extent to ensure no ground disturbance or breaking of ground will occur. Other than it not including ground disturbance or breaking of ground, the pre-site investigation demolition phase will accord with all other elements of the main Demolition Phase Method Statement and Risk Assessments.
- Demolition will be able to commence without ground disturbance or breaking of ground by implementing the following demolition methods / techniques :-

Sequence of works

1. - Asbestos removal works by licensed specialist contractor.
 2. - Soft strip of internal fixtures and fittings.
 3. - Protect existing surrounding ground and hard surfaces using road plates and the like.
 4. - Carry out relevant Health and Safety checks and set up exclusion zones.
 5. - Carry out additional tool box talk to ensure all operatives are fully aware that there is to be no disturbance of the existing ground and existing floor slab / foundations.
 6. - Using 360 degree excavator with selector grab and / or concrete munching attachment, carefully and in a controlled manner, reduce concrete roof and walls to concrete floor slab level only. No disturbance of the existing ground and existing floor slab / foundations.
 7. - Using selector grab, place waste masonry material, etc into 8 wheel tipper lorries, segregate and place all other waste into segragator 40 yard waste bins for removal from site.
 8. - Machine operator will be fully briefed on the sensitivity of the demolition procedure as to ensure demolition is carried out exactly as stated above.
 9. - The works will be fully supervised by both LG Murphey and CGL Contracts (Principle Contractor) to ensure the above procedures are adhered to.
 10. - Slab will be cleaned down and left in sound condition until site investigation has been carried out to confirm that no ground contamination present.
 11. - No further works to the slab or ground will take place until written confirmation has been received from Planning / NRW.
- No ground disturbance or breaking of ground will occur (whether part of demolition or other phases of the proposed development) until such time as a site investigation has been carried out and all relevant contaminated land conditions have been adequately addressed and agreed in write with the local planning authority.