

# Method Statement/ Risk Assessment

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>RAMS Title / Task:</b> | Demolition of brick built structure |
|---------------------------|-------------------------------------|

## Revision History

| Document Issue | Date   | Details                             |
|----------------|--------|-------------------------------------|
| 1              | 2/5/24 | Wharf farm, station rd,shackerstone |

## Document Authors

| Prepared By: | Date   | Position             |
|--------------|--------|----------------------|
| D.J.Irons    | 2/5/24 | Principle contractor |

Note- principle contractor takes no responsibility for any other contractors on site, they are to provide their own insurances and safety measures whilst working on the project.

|                                 |                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Task/ activities covered</b> | <ul style="list-style-type: none"><li>• Demolition of a Brick Built Structure</li></ul>                                                      |
| <b>Briefing Arrangements:</b>   | <ul style="list-style-type: none"><li>• Operatives to have undertaken site-specific induction</li><li>• briefings to be undertaken</li></ul> |

### 1. Overview:

- To work roof down by hand using variety of hand tools and where necessary access equipment.
- To demolish a brick built structure and remove resulting arising.

### 2. Equipment, Persons & competency required:

- Variety of Hand Tools
- Heras fencing (exclusion zone)
- In date harness and lanyard
- Leak detection kit
- Firefighting equipment appropriate to the location
- Dust Suppression
- MEWP
- Recip saws

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| Minimum Competency                                            | Task Specific Competency | ✓/✗ |
|---------------------------------------------------------------|--------------------------|-----|
| CCDO Demolition Card                                          | IPAF                     | ✓   |
| Asbestos Awareness Category B                                 | Working at Height        | ✓   |
| Demolition Awareness                                          |                          |     |
| CITB Spec Dem Health Safety & Environmental Touch Screen Test |                          |     |
| First Aider                                                   |                          |     |

### 3. PPE Requirements:

| PPE                        | ✓/✗ |                     | ✓/✗ |
|----------------------------|-----|---------------------|-----|
| Hard Hat                   | ✓   | Hearing Protection  | ✓   |
| HI VIS                     | ✓   | Disposable gloves   |     |
| Safety boots               | ✓   | Disposable overalls |     |
| Cut 5 Gloves               | ✓   | Safety Glasses      | ✓   |
| Glasses                    |     | Full face Visor     |     |
| Lace less Boots            |     | Impact Goggles      |     |
| P3 Face Mask               | ✓   | Fire proof overalls |     |
| Air flow mask              |     | Welding Gauntlets   |     |
| Full Air Feed Mask         |     | Welding Masks       |     |
| Harness c/w Fall Restraint | ✓   | Welding Gloves      |     |

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### Detailed Method (Roof Removal):

| Sequence of Work |                                                                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                | Prior to the works commencing, any services which are attached to the building wall shall be disconnected/isolated by the statutory service provider.<br><u>Site fencing to be installed to ensure exclusion zone to be in place.</u>         |
| 2                | MEWP to be used to gain height to the roof structure to allow safe access. Tiles to be removed with hand tools and dropped within the building footprint to control exclusion zone.                                                           |
| 3                | Once tiles have been removed, operatives working off the MEWP will cut away the timber purlins dropping them into the internal drop zone. Work will be suspended throughout the shift to remove materials from within the building footprint. |
| 4                | With the purlins removed the main rafter beams will be cut down bay at a time with the beams dropped within the building footprint and main ridge beam cut back bay at a time. This will be completed until the hole roof is removed.         |
| 5                | Operatives using a variety of hand tools and handheld breakers shall work the blockwork wall down to slab level.                                                                                                                              |
| 6                | The blockwork wall shall be worked down course by course. The selected tool (Bolster chisel, breaker chisel etc.) shall be used on the mortar bed of the block to be removed.                                                                 |
| 7                | The arising from the works shall be periodically cleared away into suitable waste containers for removal from site to a licensed waste disposal facility.                                                                                     |
| 8                | Dust shall be controlled by operatives dampening down the working area using a garden type sprayer or low charged hose.                                                                                                                       |
| 9                | The works shall be shared amongst the operatives to reduce the effect of HAVS on the individuals.                                                                                                                                             |

# Method Statement/ Risk Assessment

## Risk Assessment for: Demolition

Author:

Signature:

Date:

| Task            | Hazard            | Persons Exposed           | Risk Scoring |    |    | Control Measures                                                                                                                                                                                                                                                                                                                | Residual Risk |    |   | Applicable AR Standard operating procedures |
|-----------------|-------------------|---------------------------|--------------|----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----|---|---------------------------------------------|
|                 |                   |                           | L            | HP | R  |                                                                                                                                                                                                                                                                                                                                 | L             | HP | R |                                             |
| Hand Demolition | Using Hand Tools  | Employees / Third Parties | 3            | 3  | 9  | All operatives to be trained in use of equipment, all PPE to be worn including gloves, eye protection and RPE during cutting activities, all plant to be well maintained                                                                                                                                                        | 1             | 3  | 3 |                                             |
|                 | Working at height |                           | 4            | 4  | 16 | MEWP to be used to gain access. Ground material to be inspected for voids and used away from vehicle routes.                                                                                                                                                                                                                    | 1             | 4  | 4 |                                             |
|                 | Manual Handling   |                           | 3            | 3  | 9  | All operatives to be trained in manual handling, mechanical means used wherever possible loads to be sited as close to final destination as possible, hoarding / fencing panels to be moved via team lifting, transit routes to be free from trip hazards.                                                                      | 1             | 3  | 3 |                                             |
|                 | Dust              |                           | 4            | 4  | 16 | Dust migration to be assessed. Dust suppression to be used to suppress dust migration if required upon assessment. operatives to wear their face fitted P3 filter and pre-filter in dusty conditions. Power tools to be fitted with dust extraction equipment, where this is not possible then operatives to wear suitable RPE. | 1             | 4  | 4 |                                             |
|                 | Sharp Edges       |                           | 4            | 3  | 12 | Operatives are to wear as a minimum of a cut 5 gloves whilst carrying out these works. Long sleeved clothing to be worn at all times when undertaking this task.                                                                                                                                                                | 1             | 3  | 3 |                                             |