

32. Lead roll removal

Method of works

Risk Assessment and Method Statement (RAMS) for Removal of Lead Roll

Project Details

- **Project Name:**
- **Location:**
- **Date:**
- **Prepared By:**
- **Approved By:**

Description of Works

The task involves the safe removal of a lead roll from the specified location on a roof. This document outlines the procedures, risk assessments, and safety measures to ensure a safe and compliant operation.

1. Scope of Work

- Access the roof safely.
- Remove the lead roll.
- Handle and transport the lead roll to the designated disposal area.

2. Personnel

- **Contracts Manager:**
- **Site Manager:**
- **Lead Removal Operatives:**

3. Equipment and Tools

- Personal Protective Equipment (PPE): Hard hats, safety boots, gloves, high-visibility vests, safety harnesses.
- Ladders or scaffold towers.
- Lead handling tools (e.g., pry bars, scrapers).
- Sealable containers for lead storage.
- Tarp or plastic sheeting for collecting lead debris.
- First aid kit.
- Communication devices (radios or mobile phones).

4. Risk Assessment

A. Hazard Identification and Control Measures

1. Working at Heights

- **Hazard:** Falls from height.
- **Control Measures:**
 - Use appropriate fall protection (safety harnesses, guardrails).
 - Ensure ladders and scaffolds are stable and secure.
 - Conduct a safety briefing on working at heights.
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2. Lead Exposure

- **Hazard:** Lead poisoning from inhalation or ingestion of lead dust.
- **Control Measures:**
 - Provide PPE such as gloves and masks.
 - Avoid generating dust; handle lead gently.
 - Wash hands and face after handling lead and before eating or drinking.
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3. Manual Handling

- **Hazard:** Musculoskeletal injuries from lifting heavy loads.
- **Control Measures:**
 - Use proper lifting techniques.
 - Ensure adequate manpower for lifting and carrying.
 - Utilize mechanical aids if necessary.
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4. Weather Conditions

- **Hazard:** Slips, trips, and falls due to wet or icy conditions.
- **Control Measures:**
 - Monitor weather forecasts.
 - Postpone work during adverse weather conditions.
 - Use non-slip footwear.
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5. Environmental Contamination

- **Hazard:** Lead contamination of the surrounding area.
- **Control Measures:**
 - Use tarps or plastic sheeting to catch lead debris.
 - Ensure proper disposal of lead waste in sealed containers.

5. Method Statement

A. Preparation

1. Conduct a site induction and safety briefing.
2. Inspect and secure all access equipment (ladders, scaffolds).
3. Erect barriers and signage around the work area to prevent unauthorized access.

B. Lead Roll Removal

1. Ensure all personnel are wearing appropriate PPE.
2. Access the roof using ladders or scaffolds.
3. Carefully remove any fixtures securing the lead roll.
4. Gently lift and roll up the lead sheet, minimizing dust generation.
5. Place the lead roll into a sealable container.

C. Handling and Disposal

1. Transport the sealed container to the designated disposal area using manual handling aids if necessary.
2. Dispose of lead waste in accordance with local regulations and environmental guidelines.
3. Clean the work area, ensuring no lead debris remains.

6. Emergency Procedures

- In case of an accident or emergency, immediately stop work and alert the site manager and safety officer.
- Provide first aid as required and seek medical attention for any lead exposure symptoms.
- Report the incident to the relevant health and safety authorities.

7. Review and Monitoring

- Regularly review the RAMS document to ensure all procedures are followed and to incorporate any changes in scope or regulations.
- Conduct periodic site inspections to monitor compliance with the RAMS.

By following this RAMS document, all personnel involved in the removal of the lead roll will be aware of the hazards, control measures, and safe working procedures, ensuring a safe and compliant operation.

See additional docs

Working At Height	PPE
Manual Handling	COSHH

Risk Assessment

Hazard	Control Measures
COSHH	When using any chemicals, the COSHH safety data sheet will be followed to ensure that the safe working practice is followed. This includes storage and use, including the correct use of PPE. Common material sheets are within this document
Hygiene	Good personal hygiene is a necessity washing of hands prior to any breaks (food – ingestion), due to the chemical content of cement and possible contact with soot.
Working at Height	Fixed Scaffold – To be erected by competent scaffolder in accordance with TG20:21. WMS to receive handover certificate and scaffold to be inspected weekly by contractor and issued certificate to WMS H&S Dept and Scaff tag completed and up to date See Working At Height
Slips, trips and falls	Site kept clean and tidy at all times, making sure that the scaffold and floor is clear of any broken stone/brick. All designated access/egress routes shall be kept free of slip and trip hazards, and obstructions. All equipment is switched off and/or isolated when unattended. All material that could potentially cause injury is either secured behind barriers or removed from site.
Inclement Weather	Regular checks of the weather forecast are to be carried out by the contracts supervisor. Due to the nature of the works, only to be completed in dry weather Wind speeds to be monitored for restrictions for WAH No works are to be undertaken from scaffolding, towers or ladders in high winds. In times of high UV radiation workers are obliged to use sun screen protection. Workers are not permitted to 'strip off'. Minimum dress code is to wear a T-shirt. Anything less and the person/s must be ordered to cover up, or, on refusal to do so, removed from site. WMS are to check wind protection to ensure resident's possessions are not damaged.
Manual handling	Correct lifting techniques are to be used at all times when moving equipment, materials or any heavy loads. Paying particular attention when lifting (stable stance, good grip, keep load close to your waist and do not flex your back). Pallets are to be lifted using mechanical lifting equipment and positioned close to working area where they can be separated and handled easily. Correct lifting techniques to be adopted, no lifts over 25kg.
Electrical	Only battery operated or 110v tools to be used All electrical equipment is to be PAT tested. The equipment is to be inspected prior to use to check for defaults or any other issues that could cause harm when the item is used.
Gas Reg 8	Complete permit to remove chimney before any works start. This ensure that investigation is carried out to confirm that there are no venting appliances present. Check that the chimney is not shared with other properties/rooms.
Vibration	Wear PPE, regular breaks and ensure tools are correctly maintained.
Respirable dust	Wear face fitted FFP3 mask, where dust may arise from cement, masonry or render etc when fitting gutter brackets

PPE

