



# Risk Assessment

<b>Title</b>	Working at Height and underground	<b>Date of Assessment</b>	2023-10-24
<b>Site</b>		<b>Locaiton</b>	
<b>Risk Assessor</b>	arshad	<b>Assissted By</b>	-
<b>Non-Employees Involved</b>	-	<b>People at Risk</b>	
<b>Task Description</b>	To Conduct Risk Assessment at Height and Underground		
<b>Risk Rating</b>			
<b>Review Date</b>	2023-10-23	<b>Reviewer</b>	arshad

## Hazards

<b>Hazard</b>	Work at height
<b>Risk of Harm</b>	Falls from height when using ladders and steps
<b>Existing Control Measures</b>	- Correct manual handling techniques as per ladder training. - Correct PPE inc. safety helmet - Equipment maintenance procedures. - No climbing during adverse weather conditions

<b>Hazard</b>	Road risk
<b>Risk of Harm</b>	Vehicle accident
<b>Existing Control Measures</b>	- Sign on duty of care system. - Route planning. - Phone ahead, ask for dogs to be put away prior to arrival and ask about onsite hazards if appropriate (location dependant) - Defensive driving techniques applied (as per training). - Starting Point (IDS) driver programme completion. - Following highway code. - DVLA electronic licence checks. - Driver rest breaks at least every 2 hours. - Vehicle maintenance programme.

Hazard	Work equipment
Risk of Harm	Injuries inside the vehicle (taking material)
Existing Control Measures	- Assessment of manual handling tasks (TILE). - Training in correct kinetic lifting techniques. - Use of mechanical aids, e.g. swing lift crane where appropriate. - Correct loading of vehicle as per vehicle layout diagrams. - Keeping the work area clear - Appropriate PPE - AMS checks and safety supervision. - First aid kit always within reach.

Hazard	Wind, rain, snow and ice
Risk of Harm	Slips, falls and road accidents
Existing Control Measures	- Prevent workers from draughts - Provide PPE, such as insulated jackets, trousers, safety boots, baclavas etc. - Provide frequent breaks and job rotations - Provide warm drinks and food - Avoid working below 0° C - Avoid working on ladders at high speed winds at 28mph+ - Suitable safety boots - Scrape, salt or grit floors and chamber lids

Hazard	Manual handling
Risk of Harm	Injuries with lids
Existing Control Measures	- Maintaining clear and guarded work area. - Use of Manhole Cover Lifter 4A or Key - Joint Box No. 5 with roller bar in-line with the training given. - Correct use of the 2/4 head Gas - Detection Unit as per training given. - Manager Supervisory checks and regular refresher on best practice.

Hazard	Gas Appliances and Equipment
Risk of Harm	Intoxication with flammable gas
Existing Control Measures	- Pre-work gas test checks using Gas - Detection Unit (GDU) and on-going use as a sentinel. - Venting structure using a forced air blower (applicable to specific circumstances as directed by training) - Confined space working with BA equipment (applicable to specific circumstances as directed by training)

Hazard	Confined Spaces
Risk of Harm	Inability to scape the area
Existing Control Measures	- Assessment of work area in line with policies and provided training. - Full Confined Spaces Control Measures (as required). - De-classified control measures (inc. forced air blower, 2 person working and ability to affect an escape easily in an emergency) - Basic Underground working procedures (inc. GDU and ability to affect an escape easily in an emergency)

Hazard	Hazardous Substances
Risk of Harm	Intoxication with toxic water
Existing Control Measures	- On Site Risk Assessment. - Observe water test procedure and environmental instructions. - Kinetic lifting techniques for pump and associated accessories. - Basic hygiene best practice. - Issue 10.5 - Use of barrier creams, disposable gloves and gloves PVC. - Carriage of Weils Disease awareness card. - Manager Supervisory checks.

Hazard	Fire
Risk of Harm	Fire on site or nearby
Existing Control Measures	- Follow the training provided - Identify the type of fire - Fire triangle (Oxygen, Heat and Fuel) - Correct use of a gas extinguisher - If is uncontrollable, call a fireman

**Reviews**

Review Date	Reviewer	Comment
2023-10-23	N/A	string
2023-10-23	N/A	test comment