

RA29	RISK ASSESSMENT	 Home Heating and Energy Solutions
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Operation/Activity:	Plumbing Works
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Site / Location:	All Sites
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Persons at Risk (tick appropriate boxes)			
Employee	✓	Pregnant Women	
Visitor		Disabled Persons	
General Public	✓	Lone Workers	✓
Young Persons		Others	

GUIDE TO RATINGS:

Risk Severity		Risk Likelihood		Risk Rating	
1	Negligible	1	Unlikely	1 - 6	Low
2	Minor	2	Possible	7 - 14	Medium
3	Significant	3	Quite Possible	15 - 25	High
4	Major	4	Likely		
5	Catastrophic	5	Very Likely		

Overall Risk Rating = Medium

Describe the hazards associated with the activity/operation.						
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			Summary of Assessment Overleaf			
			Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)
H1	Contact with Asbestos		Medium	2	3	6
H2	Contact with Hazardous Substances		Medium	2	2	4
H3	Fire and explosion		High	2	4	8
H4	Working in confined spaces		Medium	2	3	6

Assessed By:	Ian Morgan	Date	18/10/23
Reviewed By:		Date:	29/07/2025
Approved By:	Gary Robinson	Date:	29-07-2025

Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	Only qualified staff will carry out maintenance and Plumbing activities.			
	Plumbing equipment will be used in accordance with the manufacturer's instructions.			
	Never use the item for a purpose that it has not been specifically designed for.			
H1 Asbestos	- We must have been advised by the Principal Contractor/Client that there is no asbestos based products present in the areas the work is to be undertaken before work commences. - However all Operatives must remain vigilant at all times and the following procedure is to be followed should any Operative suspect asbestos based products have been found; - Cease work immediately - Contact the Managing Director by phone - Inform the Principal Contractor or Client, (if possible) - Await instruction from the Managing Director before any further work is undertaken. - Upon the above procedure being instigated the Managing Director will liaise with the Principal Contractor or Client and identify the risks present and implement the appropriate control measures. - These control measures will be passed to the Operative via the Managing Director or the Appointed Supervisor.	2	3	6
H2 Hazardous Substances	Operatives must only use products that have been assessed and an appropriate Safety Data Sheet and COSHH Assessment is available for.	2	3	6
	- Appropriate PPE should always be worn when working on equipment. This will include: - Safety shoes - Glasses - Face protection - Overalls			
	Operatives must use the provided welfare facilities and ensure that they maintain good hygiene standards at all times.			
H2 Inhalation of fumes	- Check the welding or soldering equipment is not faulty. If equipment is found to be faulty they must cease to be used until repairs have been carried out and they are deemed safe. - If there are any faults with the equipment, the operator will inform their supervisor. The supervisor will then log the fault.	2	2	4
	Ensure that there is sufficient ventilation in the working area.			

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	Avoid being in direct contact with gas fired appliances for long periods.			
H3 Fire and explosion	Before commencing work in this area or on a particular task, operatives will ensure that all the safety precautions are in place and that the area is clean and tidy.	2	4	8
	The working area will be kept clear of all combustible materials at all times.			
	Appropriate means of fire protection must be available in this area at all times.			
H4 Confined spaces	Avoid working within confined spaces where possible.	2	3	6
	Where work in confined spaces is unavoidable, ensure that adequate ventilation has been installed and is reliable.			