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| **Assessed**  **By:** | **Kevin Lovett** | | | | | | | | | | **Risk Assessment No:** | | | | **RA04** | |
| **Hazard Identified:** | **Plumbing works** | | | | | | | | | | **Date Reviewed:** | | | | **June 2025** | |
|  | | | ***A*** | | | | | ***B*** | | | ***C*** | | | | ***D*** | |
| **Who’s at Risk?** | | | | | **Severity** | | | **Likelihood** | | | | **Risk Rating** | |
| **E** | | **C** | **P** | | **3** | **2** | **1** | **3** | **2** | | **1** | **B x C = D** | |
| **🗸** | | **🗸** |  | |  | **🗸** |  | **🗸** |  | |  | **6** | |
| Risk Assessment Ratings | | **6-9 High Risk** | | | | | **4 Medium Risk** | | | | | | **1-3 Low Risk** | | | |
| **Key** | | | | | | | | | | | | | | | | |
| **A**  E = Employees  C = Contractors  P = Public / 3rd parties | | | | **B**  3 = Death or Major injury  2 = Reportable injury  1 = Minor Injury – Time off unlikely | | | | | | | **C**  3 = Very likely  2 = Possible  1 = Unlikely or Very Unlikely | | | | | |
| **Hazard Control Measures** | | | | | | | | | | | | | | | | **Residual Risk** |
| * Only trained and competent operatives are to be employed on the plumbing works. Operatives are not to carry out gas works unless they are in possession of a Gas Safe accreditation; * The working areas are to be segregated from third parties and/or other site operatives; * Ensure clear routes of access and egress to work locations are maintained; * When working in buildings of an unknown structure, the asbestos register is to be consulted before carrying out any works; * Request service plans and check the location of services if drilling etc. is to be undertaken and use locating devices (CAT) if service runs are not known; * Ensure that COSHH assessments are carried out for the substances to be used e.g. flux, solder, etc. * When hot works are needed ensure that a hot works permit is to be applied for. All defined control measures are to be in place prior to carrying out the works; * Ensure that suitable PPE is worn including suitable safety gloves and eye protection or as defined by site rules. Use safety goggles when cutting and soldering. Select suitable Respiratory Protection Equipment according to your COSHH assessment; * Many places of work may have insufficient lighting; therefore ensure that you have suitable and adequate lighting before you start work; * If soiled pipework is being replaced ensure that suits and gloves etc. are worn to eliminate any biological hazard. Suits and gloves are to be disposed of safely to prevent contamination; * If soiled pipework is being replaced ensure that spare clothing, adequate wash facilities and controls are considered as they may be required in the event that clothing becomes soiled; * Ensure adequate earths are in place on all new metal pipe work and fixtures as good practise; * No food and drink is to be consumed in the area where work is being undertaken. Use the facilities provided; * Good standards of hygiene are to be maintained. Wash hands before eating, drinking and going to the toilet. Wash hands regularly to remove any substances. Use gloves at all times and dispose of them if they become soiled; * Tools and equipment to be checked, before use, to ensure they are in good condition, properly maintained, in good working order and free from defect; * Handling of heavy or bulky materials is to be mechanised or assistance is to be sought for the lifting operation; * Trained and competent operatives to use powered operated tools, inexperienced operatives only for training purposes and with full supervision; * Ensure that electrical tools are checked prior to use and use low voltage tools where possible; * Tools are to be PAT tested every 3 months if they are 110v. | | | | | | | | | | | | | | | | **Low**  **(2)** |